



AF-DM-9800-001

Maintenance Programme and Technical Control Manual

Space / Aviation / Defense

FIRST EDITION

AF 9800 SUPPORTING DOCUMENT

Document identity and use

FIRST EDITION MANUSCRIPT - Prepared for Aerospace Federation review

Field	Controlled identity
Document	AF-DM-9800-001 - Maintenance Programme and Technical Control Manual
Parent standard	AF 9800 - Aerospace Maintenance & Personnel Competence
Edition / language	FIRST EDITION / English master text
Family	Manuals
Primary source anchors	7-11, 21-29; Annexes D-E, H-J
Suggested local owner	Maintenance technical 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 9800 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-9800-001 lists the complete supporting set. AF-CM-9800-001 maps the main clauses and annexes to working documents. AF-TP-9800-001 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 Keep superseded evidence and decisions traceable.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 Establish the technical baseline

1.1 Programme and configuration

The programme owner uses AF-PR-9800-003 and AF-PR-9800-004 to establish applicable tasks, configuration and life status. Reconcile asset identities, installed relationships, software, modifications and usage. Record task sources and distinguish mandatory limits from organization-selected preventive work. Resolve missing history before relying on remaining life.

1.2 Data and work intake

The data controller verifies source status and task-card derivation through AF-PR-9800-005. Work acceptance then defines customer scope, received condition, required outputs and retained duties using AF-PR-9800-006. A commercial commitment is recorded separately from technical readiness.

2 Build an executable package

2.1 Due states and resources

Calculate concurrent calendar, hour, cycle and event limits with correct time origins. Plan by actual skills and privileges, allowing for supervision, inspection, fatigue controls and shared resources. Preserve hold points and safe interruption states. Use AF-SC-9800-001 for due tasks and the controlled work package for sequence and allocation.

2.2 Tools, parts and readiness

Apply AF-PR-9800-016 and AF-PR-9800-017 before dependent work. Confirm tooling suitability, calibration/uncertainty, test software and part eligibility for the actual configuration. Quarantine uncertainty rather than passing it downstream. Record the starting asset state, authorized personnel and technical instructions.

3 Execute and verify

3.1 Controlled work and inspection

Use AF-PR-9800-018 for actual performance and required critical checks. Preserve interruption records and obtain inspection while the relevant attributes remain accessible. Specialist work uses AF-PR-9800-019 with qualified methods, personnel and bounded interpretation. A general task signoff does not replace specialist acceptance.

3.2 Defects and tests

Apply AF-PR-9800-020 to distinguish symptoms, hypotheses and supported causes. Repair or modification needs eligible technical data. Use AF-PR-9800-021 for required tests, retaining failed/aborted runs and changes between them. Reconcile temporary test arrangements and final configuration.

4 Release and retain the evidence

4.1 Complete the release review

AF-PR-9800-022 connects task, inspection, test, parts and life/configuration evidence to the current releasing privilege. The reviewer examines every essential condition and any specifically permitted open-item disposition. The exact release statement identifies scope and limitations; it does not grant operational permission.

4.2 Handover and continuing control

The receiver acknowledges restrictions and next due actions. AF-PR-9800-023 preserves authenticated records and corrections. Provider work under AF-PR-9800-024 must remain accessible to the retained owner. Later evidence invalidating a release triggers containment, notification and technical review.

Required evidence: Programme and due ledger; configuration/data baseline; controlled package; execution/inspection/test evidence; eligible release and receiving handover.

Decision control: Package completeness is determined by satisfied requirements, not a percentage of signed boxes.