



AF-OM-9700-001

Sustainable Operations and Environmental Control Manual

Space / Aviation / Defense

FIRST EDITION

AF 9700 SUPPORTING DOCUMENT

Document identity and use

FIRST EDITION MANUSCRIPT - Prepared for Aerospace Federation review

Field	Controlled identity
Document	AF-OM-9700-001 - Sustainable Operations and Environmental Control Manual
Parent standard	AF 9700 - Sustainable Aerospace & Lifecycle Management
Edition / language	FIRST EDITION / English master text
Family	Manuals
Primary source anchors	10, 12-18, 22-24, 32, 35, 38; Annexes E-F, H, K-M
Suggested local owner	Environmental operations 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 9700 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-9700-001 lists the complete supporting set. AF-CM-9700-001 maps the main clauses and annexes to working documents. AF-TP-9700-001 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 Keep superseded evidence and decisions traceable.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 operating baseline

1.1 Define the controlled activity

The operations owner identifies sites, equipment, services, operating modes, contractors and retained duties. Use AF-TP-9700-001 and the relevant energy, pollution, facility and aviation profiles. Link obligations and thresholds to their actual local basis. Do not infer technical limits from a blank schedule or an illustrative calculation.

1.2 Reconcile resources and service

Record fuel, electricity, water, materials, qualified output and relevant service measures. Include standby, shared utilities, failed tests and abnormal consumption within the stated boundary. Use AF-WI-9700-003 to reconcile balances. Retain both absolute quantities and intensity so utilization changes do not conceal total burdens.

2 Maintain effective controls

2.1 Sources and receptors

Apply AF-PR-9700-013 through AF-PR-9700-015 to substances, drains, releases, catchments and nature interfaces. Confirm containment, abatement, sampling and monitoring readiness. Check downstream residues as well as immediate emissions. Sensitive receptors, night exposure and seasonal water conditions require their own evidence.

2.2 Work and contractor interfaces

Brief personnel on current conditions, permitted tasks, protective actions and escalation. Contractors receive the same relevant environmental constraints and evidence requirements. Airport tenants and ground-service partners agree shared responsibilities before aggregating results. Missing monitoring or failed essential controls trigger the locally approved response.

3 Introduce improvements under controlled conditions

3.1 Trial planning

Use AF-PR-9700-019, AF-PR-9700-020 or AF-PR-9700-021 as appropriate. Specify the baseline, equivalent service, intervention, technical authority, trial conditions and stop criteria. Reducing resource use shall not invalidate qualification, product protection or operational permission.

3.2 Verify outcomes

Measure representative conditions and explain throughput, weather and product-mix effects. Investigate rebound, displaced burdens and new local effects. Use AF-WI-9700-009 and record actual results in AF-RG-9700-009. An uncompleted project remains a forecast; a target achievement requires actual evidence against its defined metric.

4 Respond, recover and learn

4.1 Incident and environmental stress

Protect people and receptors, preserve chronology and notify eligible parties through the approved route. Record quantities and uncertainty. Drought, heat, flood or utility failure may change readiness even without an equipment fault. Apply AF-PR-9700-026 to verify resilience assumptions and recovery conditions.

4.2 Corrective action and review

Use AF-PR-9700-030 for extent, cause, remedy and effectiveness. Restore actual environmental controls and reconcile records before return. Management reviews trends, complaints, missed targets and continuing duties. Closing an event does not end assigned remediation or long-term monitoring.

Required evidence: Operating baseline; effective control checks; monitoring; authorized trials; verified benefits; incident/recovery and management-review records.

Decision control: Nominal production or service availability does not prove that environmental controls are effective.