



AF-TP-9200-001

Common Technical Profile and Decision Parameters

Space / Aviation / Defense

FIRST EDITION

AF 9200 SUPPORTING DOCUMENT

Document identity and use

Field	Declared position
Code	AF-TP-9200-001
Title	Common Technical Profile and Decision Parameters
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Edition	FIRST EDITION
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Language	English master text

Use and precedence

The AF 9200 standard contains the proposed requirements. This supporting document supplies guidance, model controls or records within its stated purpose. Complete the local scope, parameters, roles and authority before operational use. A completed template does not establish conformity or permission.

Applicable legal and competent-authority obligations remain independently binding. No AF recognition, accreditation, statutory approval or operational authorization is created by this document. Codes in this set are proposed identifiers for the newly prepared supporting collection.

Record completion

Where fillable fields are provided, use a PDF reader that supports interactive forms. Blank fields remain unresolved. Attach controlled evidence by identifier where space is insufficient. Typed names are not certificate-based digital signatures. Preserve the completed record and its history under the local retention rules.

Implementation control	Allocation
Responsible function	Technical authority
Primary AF 9200 anchors	1-16, 24-28; Annexes A-C, N-R
Catalogue	AF-ML-9200-001; coverage: AF-CM-9200-001

Contents - clauses and annexes

Entries are clickable. PDF bookmarks also locate subclauses and technical examples. Page numbers refer to this file.

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1 Workbook use and approval

This workbook supports AF 9200 Annexes A-C and the activity modules. Complete it for one defined object and configuration. Every numerical limit, interval or decision rule needs a technical basis and an eligible approver. Blank fields are unresolved; they do not mean N/A. Use a controlled attachment where space is insufficient and record its identifier.

The local profile shall be approved before a dependent release or conformity decision. Informative examples in the standard are not default limits. This workbook does not grant statutory permission or AF recognition. Typed names are recorded identities, not certificate-based digital signatures.

2 Object, scope and responsibility

Clauses 1-4; Annex A. Define the actual work and retained duties. An outsourced essential service remains an assured dependency.

Profile ID / organization / object / sites

Hardware, software, data and procedure baselines

Activities, lifecycle phases and operating states

Environment, exposed populations and exposure units

Interfaces, outsourced work and retained responsibility

Excluded activities, evidence and approving authority

Profile owner / reviewer / approval / validity trigger

3 Activity applicability

Clauses 2.3 and Annex A. Review all modules. Record PASS/FAIL/HOLD only for evaluation; applicability is applicable or justified N/A. Evidence unavailability cannot establish N/A.

Common clauses and responsible owners

Aviation / ground / maintenance modules and triggers

UAS / autonomy / digital modules and triggers

Space / defense / industrial / energy modules and triggers

Supplier / assessment / record-control modules and triggers

N/A determinations, absent responsibility and approval

Boundary closure review and change triggers

4 Consequence, likelihood and risk acceptance

Clause 8; Annex C. Define severity and likelihood independently. State the denominator and uncertainty treatment. Do not multiply category numbers to imply a physical risk quantity.

Severity definitions by consequence dimension

Likelihood definitions, boundaries and exposure denominator

Quantitative objectives, units and aggregation rule

Uncertainty and sparse-data treatment

Prohibited / conditional / controlled risk decision rules

Acceptance authority by severity and uncertainty

Assurance level and independent-review rationale

5 Barrier, verification and measurement criteria

Clauses 9-10; Annexes B, D-E and K. Identify the criterion before using a result for acceptance.

Barrier IDs, functions, demands and performance limits

Response time, capacity, environmental range and dependencies

Proof-test / inspection methods, intervals and coverage

V&V methods, representativeness and adverse cases

Measurement uncertainty and acceptance decision rule

Evidence validity, model limits and revalidation triggers

Technical approver and unresolved parameters

6 Operational release and temporary conditions

Clauses 12-14; Annexes F-G. Define enforceable limits and the conditions that block release.

Operating envelope, units and monitoring method

Release prerequisites and non-compensable no-go conditions

Standing authorization variables checked each execution

Temporary controls: duration, monitoring and extension authority

Combined-condition review and degraded-mode criteria

Stop / protect / restart roles and invalidation triggers

Operational authority and approval record

7 People and emergency capability

Clauses 11 and 13; Annexes F and H. Human response and external assistance must be demonstrated where credited.

Task competence, currency, supervision and authorization rules

Staffing, workload, fatigue and handover criteria

Credited human response times and demonstration basis

Emergency scenarios, command and notification clocks

Resources, provider availability, access and alternate arrangements

Exercise criteria and recovery/restart requirements

Responsible owners and review triggers

8 Digital systems, data and recovery

Clauses 20, 24 and 27; Annexes K and N. Record the validated domain and prohibit unsupported extrapolation.

Safety-relevant software, AI, tools, models and data

Domain, performance criteria, edge cases and limitations

Cyber-safety scenarios and protective dependencies

Update compatibility, interrupted change and rollback rules

Recovery objectives, semantic reconciliation and release checks

Access, retention, time basis and integrity controls

Technical owner, reviewer and revalidation triggers

9 Suppliers, performance and review

Clauses 15-16, 25 and 28; Annexes I-J and O-Q. Define clocks by start event, interval, recipient and escalation.

Supplier criticality, flow-down, evidence access and notification

Occurrence reporting and investigation clocks

Corrective-action priority and effectiveness criteria

Indicator definitions, data quality and alert/action thresholds

Audit, surveillance and management-review intervals/triggers

Claim validity, suspension and reinstatement conditions

Approval and unresolved dependencies

10 Profile completeness and approval

Annex B requires all decision-dependent parameters to be established. Approval of this local profile does not approve the AF publication or grant external operating permission.

Completed parameter IDs P01-P28 and attachment references

Open parameters, blocked decisions and protective restrictions

Cross-record consistency and independent-review findings

Technical acceptance and operational acceptance records

Approved scope, validity, review date and event triggers

Approver identities, authority evidence and date