



AF-FAQ-9700-001

Interpretation Questions and Boundary Cases

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-FAQ-9700-001 - Interpretation Questions and Boundary Cases
Parent standard	AF 9700 - Sustainable Aerospace & Lifecycle Management
Edition / language	FIRST EDITION / English master text
Family	Companions
Primary source anchors	0-40; informative Annex S
Suggested local owner	Technical authority
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 Keep superseded evidence and decisions traceable.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 Interpretation questions and decision boundaries

Read the complete applicable AF 9700 clauses before making a decision. These answers do not supply missing local parameters or approvals.

Status: Informative. Answers clarify recurring distinctions; they do not waive requirements or assign missing local parameters.

1 Does a carbon footprint establish sustainability?

No. A carbon footprint addresses a defined climate-accounting question. Water, pollution, biodiversity, materials, safety and other relevant effects require their own assessment.

2 Is alternative aviation fuel zero-emission fuel?

No. The pathway, delivered energy, combustion and other lifecycle effects must be assessed. A lower lifecycle carbon result does not establish zero combustion or non-CO₂ impact.

3 Does renewable electricity have zero lifecycle impact?

No. Generation infrastructure, supply chains, losses and the declared boundary remain relevant. Attribute accounting also requires valid ownership and cancellation.

4 Can collected material be reported as recycled?

Only to the extent supported by actual treatment and recovered-output evidence. Collection, storage, shipment, recycling and energy recovery are different states.

5 Does recycled content prove aerospace suitability?

No. Composition, identity, condition, qualification and the intended use require separate technical evidence and approval.

6 Is longer life always environmentally preferable?

No. Repair, degradation, future energy use, support and replacement burdens must be compared over equivalent service within valid technical limits.

7 Can offsets be deducted silently from the inventory?

No. Gross inventory, internal reductions, removals, offsets and other contributions must remain identifiable under the declared accounting method.

8 Is a lower intensity an absolute reduction?

No. Total impact may rise while impact per service unit falls. Report both where relevant and explain changes in the denominator and boundary.

9 Does a disposal command complete a space duty?

No. Achieved state, uncertainty, failure response and continuing responsibility require evidence. A command is not proof of its intended result.

10 Does confidentiality remove assessment duties?

No. It changes eligible access and public disclosure. The internal assessment and the limits of external assurance must remain honest and traceable.

11 Does independent review validate every use?

No. The conclusion applies only to its stated subject, boundary, period, criteria and examined evidence. Changes can invalidate continued reliance.

12 Does completing the set confer recognition?

No. Publication, local adoption, technical acceptance, operating permission and any AF recognition remain separate eligible decisions.