

Here is the generated checklist in human-readable Markdown format:

IDENTITY AND PURPOSE

G2. p.

- Did you put processes in place to ensure that the level of accuracy of the AI-based system to be expected by end users and/or subjects?
☐ YES/NO
- Is the level of accuracy of the AI-based system properly communicated to end users and/or subjects?
☐ YES/NO

G2. q.

- Could the AI-based system cause critical, adversarial, or damaging consequences (e.g., pertaining to human safety) in case of low reliability and/or reproducibility?
☐ YES/NO
- Are fallback plans and reproducibility ensured for aviation applications?
☐ YES/NO

i. DA-10

- Did you put in place a well-defined process to monitor if verify that the AI-based system is meeting the intended goals?
☐ YES/NO
- Is the learning assurance process addressing both verification of intended behavior and reproducibility of the learning process?
☐ YES/NO

ii. LM-07-SL

- Did you test whether specific contexts or conditions need to be taken into account to ensure reproducibility?
☐ YES/NO
- Are biases-variance trade-offs accounted for in model family selection?
☐ YES/NO

CONFIGURATION MANAGEMENT

CM-01

- Is the applicant applying all configuration management principles to AI/ML constituent life-cycle data, including but not limited to:
 - ☐ Identification of configuration items
 - ☐ Versioning
 - ☐ Baselining
 - ☐ Change control
 - ☐ Reproducibility
 - ☐ Problem reporting
 - ☐ Archiving and retrieval
 - ☐ Retention period?
 - ☐ YES/NO

QUALITY AND PROCESS ASSURANCE

QA-01

- Is the applicant ensuring that quality/process assurance principles are applied to the development of the AI-based system, with the required independence level?
 - ☐ YES/NO

REUSE OF AI/ML MODELS

(No specific questions generated for this section)