**ASD Proposals for Introduction in the**

**European Plan for Aviation Safety 2020-2024**

Introduction

This document aims at providing inputs to the EASA very upstream in the definition process of the EPAS 2020-2024.

These inputs are categorized into the 4 main EPAS streams: Safety, Environment, Efficiency/Proportionality, Level Playing Field and list all the actions that should be included in the next EPAS revision.

The suggested actions are in the domains of Rulemaking, Safety Promotion or Research.

Proposals

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Title**  Electrical Wiring Interconnection System (EWIS) compliance at engine level | | | | | | | | |
| **New task?**  Yes | | | | **Existing Task No.:**  NA | | | | |
| **Issue/Rationale**  The Engine Aircraft Certification Working Group (EACWG) highlighted a lack of clarity as to whether an engine that meets the engine certification requirements will also meet the EWIS requirements in CS-25. In line with Recommendation R4.7 from the EACWG a review of CS-E against the EWIS requirements has been carried out. It highlighted minor change needed to CS-E to address EWIS requirements. The proposed task will make that change, and also update CS-25 to make it clear that an engine certified to the revised CS-E will meet CS-25 EWIS requirements and no further showing of compliance for the engine is needed at aircraft certification. | | | | | | | | |
| **What we want to achieve**  Clarity on EWIS requirements at engine level in CS-E, and clarity at aircraft level that an engine certified to the new requirements meets the aircraft EWIS requirements. | | | | | | | | |
| **Precise Change Proposed to EPAS**   * Title: Electrical Wiring Interconnection System (EWIS) compliance at engine level * Description: In line with Issue/Rationale above * Owner:? * ToR: Q2 2020 * NPA: Q4 2020 * Decision: Q2 2021 | | | | | | | | |
| **Category (X)**  *(Cross all that apply and highlight one that should appear in EPAS*) | **Safety** | | **Environment** | | **Efficiency** | | **Level Playing Field** | |
| Rulemaking |  | |  | | **X** | | X | |
| Safety Promotion |  | |  | |  | |  | |
| Research |  | |  | |  | |  | |
| **Relevant SAB subcommittees (X)** *(Cross all that apply)* | CAS.COM | | GA.COM | | R.COM | | C.COM | |
| FS.TEC | DM.TEC  X | | EM.TEC | | ADR.TEC | | ATM/ANS.TEC | |
| **Relevant ASD working groups (X)** *(Cross all that apply)* | DOA-WG | POA-WG | | MRO-WG | | PWG  X | | Other (please specify) |