**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** Fire protection requirements for powerplant components and engines | | | | | | | | |
| **New task?**  Yes | | | | **Existing Task No.:**  Not applicable | | | | |
| **Issue/Rationale:** The fire protection requirements in CS-E and CS-25 and the associated guidance have been interpreted differently, leading to inefficiency in and delay to certification programmes. In addition, guidance needs to be updated to reflect todays best practice and to incorporate additional requirements previously identified in CRIs. The need for a harmonized set of requirements for large transport aircraft powerplant components and engines was identified in recommendation R4.6 from the Engine/Aircraft Certification Working Group. The SAE-22 Committee is working on a standard that will provide some of the necessary guidance. The proposed timing of this task would allow it to benefit from the SAE-22 Committee standard. | | | | | | | | |
| **What we want to achieve**  Fire protection requirements and guidance that represent best practice, allow safety goals to be achieved efficiently, with consistency and clarity between engine and aircraft requirements so that a certified engine will need no further consideration from a fire protection perspective at aircraft certification. | | | | | | | | |
| **Precise Change Proposed to EPAS**   * Title: Fire protection requirements for powerplant components and engines * Description: As issue/rationale * Owner: ? * Proc: ST * 3rd C: Yes * ToR: Q1 2020 * NPA: Q1 2021 * Opinion: n/a * Commission IR: n/a * Decision: Q4 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) |