

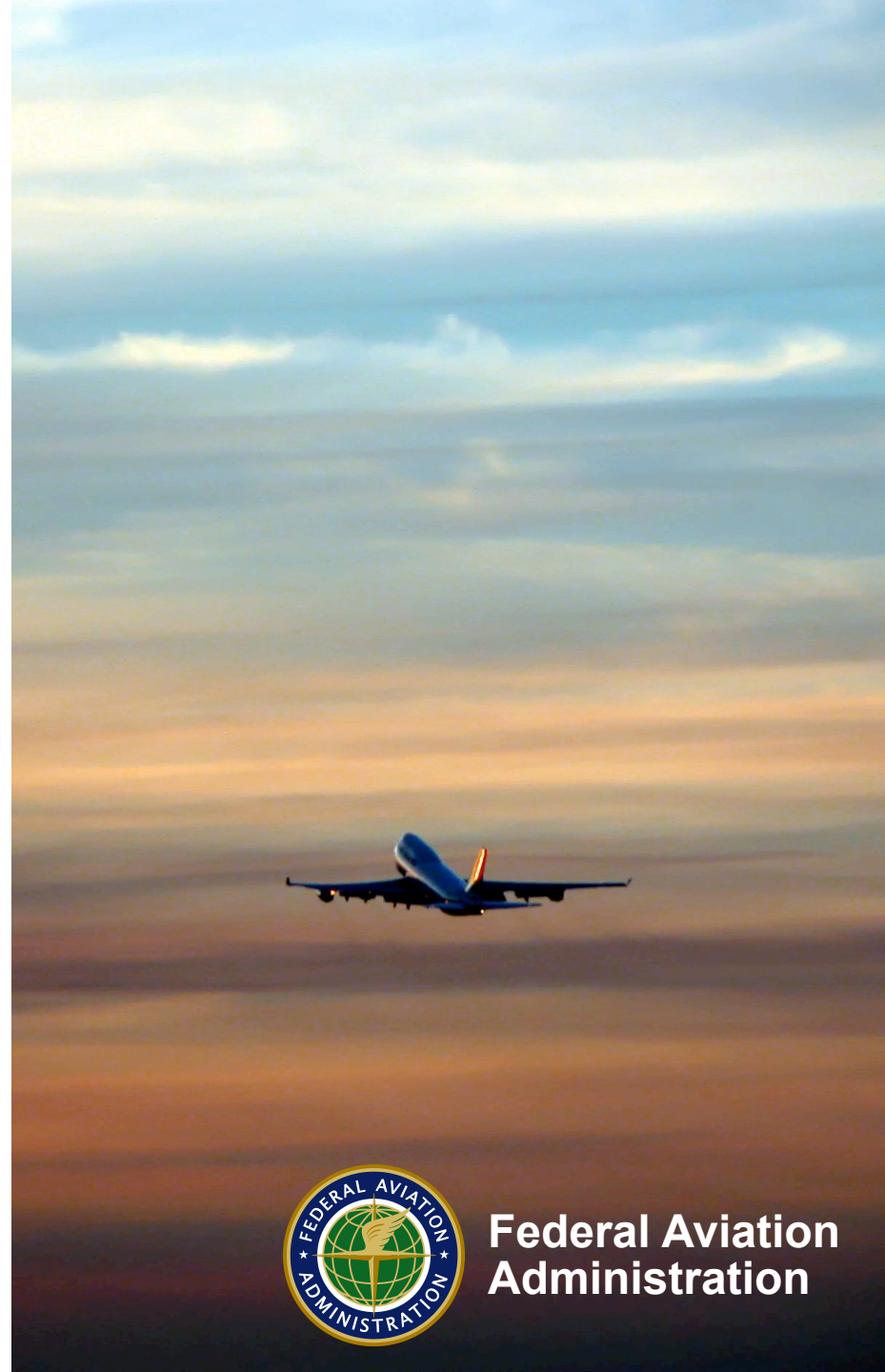
FAA Update

Software and Airborne Electronic Hardware Guidance

Presented to: ETSO Workshop
By: Brenda Ocker, FAA
Date: September 21, 2022



**Federal Aviation
Administration**



Background

- **Joint FAA&EASA development of AC/AMCs**
 - AC/AMC 20-189 (Open Problem Reports)
 - AC/AMC 20-152A (Airborne Electronic Hardware)
 - AC/AMC 20-193 (Multi-core Processors)
- **Close interaction with industry working groups**



Background

- **Joint FAA and EASA public consultation and comment disposition**
- **Intended to publish concurrently, *but...***
 - EASA AMCs published
 - FAA ACs required additional internal coordination



Background

- **Additional FAA coordination has not resulted in any major changes**
 - Editorial changes to make ACs consistent with FAA style guides
- **Text of harmonized AC and AMC are technically equivalent**



Current Status

- **AC 20-189/00-71 (Open Problem Reports)**
 - Signed September 16, 2022
- **AC 20-152A/00-72 (Airborne Electronic Hardware)**
 - Pending final FAA signature
- **AC 20-193 (Multi-core Processors)**
 - Pending final FAA signature
- **AC 20-170A (Integrated Modular Avionics)**
 - Resolving editorial comments. Estimate publication before end of year.

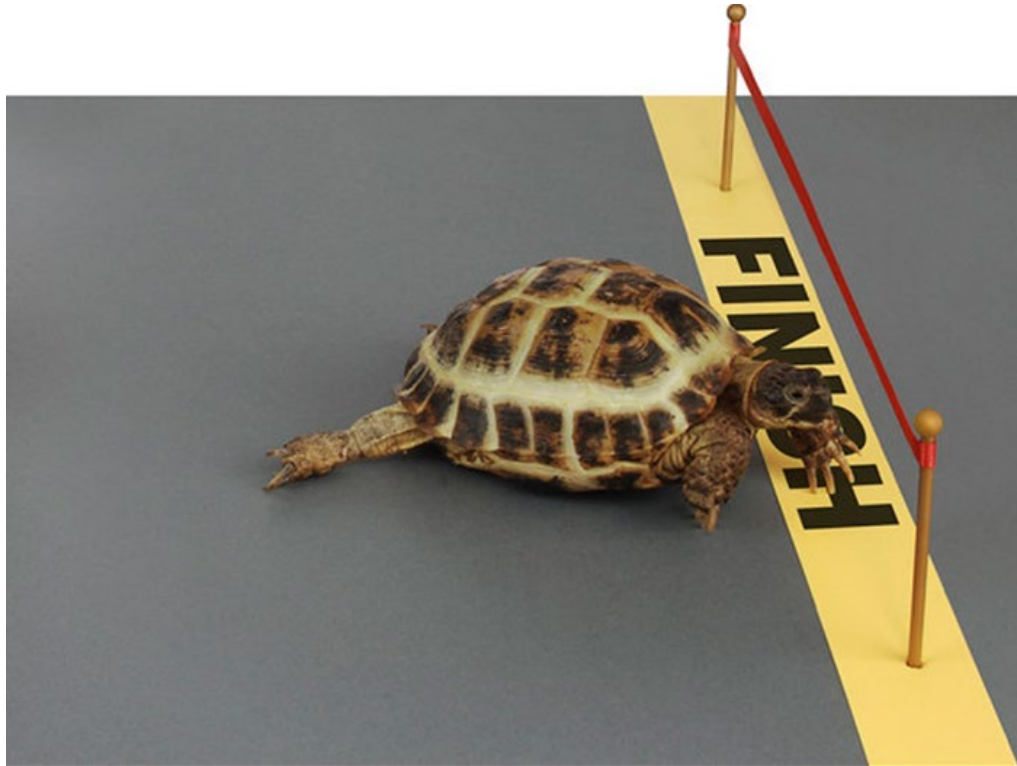


Interim Solutions

- **FAA streamlined issue paper policy, AIR600-18-AIR-6C0-DM119**
 - Allows draft ACs to be used in lieu of project specific issue paper
 - Applicant references proposed policy in certification plans
 - Proposed policy will be replaced by the final policy when it is issued
- **Allows FAA to stay harmonized with EASA**



Questions?



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