



EAPAS Rulemaking Proposals

Aging Transport Systems Rulemaking Advisory Committee

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Overview

- Proposed EAPAS Rulemaking
- Rulemaking Schedule
- Compliance Time
- JAA/TCCA Considerations
- Potential HWG 11 Taskings



Proposed EAPAS Rulemaking

- Design
- Maintenance
- Training



Proposed EAPAS Rulemaking Design

Part 25 Changes (Subpart H) based on recommendations by ATSRAC - Applies to future TC, ATC and STC EWIS designs

- Consolidate existing EWIS regulations via reference
- Instructions for Continued Airworthiness for EWIS
- New regulations
 - EWIS Definition
 - EWIS Function and Installation
 - EWIS Separation
 - System Identification
 - EWIS Safety Analysis
 - EWIS Accessibility Provisions



Proposed EAPAS Rulemaking Maintenance

EZAP for TCs as recommended by ATSRAC

Applies to existing TC, airplane with seating capacity of 30 passengers or more; or a payload capacity of 7,500 lbs or more

- Initial cleaning and inspection of critical areas (EE bay, Cockpit, and power feeders), by operators
- Development of EZAP by original equipment manufacturers
- Incorporation by operators of EZAP and other maintenance revisions into their maintenance program



Proposed EAPAS Rulemaking Training

- Publish Advisory Circular as recommend by ATSRAC prior to NPRM
 - Collect comments on Training AC
 - Incorporate comments and issue concurrent with EAPAS final rule
- Operators whose maintenance programs are revised to implement EZAP and other proposed maintenance revisions are required to have proper training by the existing regulations



Proposed EAPAS Rulemaking Schedule *(estimated)*

- Notice of Proposed Rulemaking (NPRM)
 - Complete Economic Evaluation Dec. 03
 - Final Rulemaking Team Concurrence Feb. 04
 - Associate Administrator Approval Mar. 04
 - Administrator Approval May 04
 - Secretary of Transportation Approval Aug. 04
 - Publish NPRM Jan. 05
 - Comment period closes Apr. 05



Proposed EAPAS Rulemaking Compliance

- EZAP for existing TC by Special Federal Aviation Regulation (SFAR)
 - Within 24 months after the rule goes into effect TC holders analyze and develop required inspection and maintenance instructions and incorporate them into ICA.



Proposed EAPAS Rulemaking Compliance

Operators perform a one-time cleaning and inspection – Part 121 and 129 (for airplanes older than 5 years)

- Cleaning and inspection of the three critical areas (CEEPF) within 5 years after the rule goes into effect.
- Or, performance of corresponding EZAP task, whichever occurs first
- Operators incorporate the EZAP tasks developed by OEM in their maintenance procedures within 3 years after the rule goes into effect and initiate EZAP according to the enhanced maintenance program.
- Part 25 – New certifications in accordance with 21.101



JAA/TCCA Considerations

- JAA and TCCA current plans reflect the same intent as FAA proposal
 - Technical content equivalent
 - Compliance times equivalent
- Differences in implementation vehicles
- FAA/JAA/TCCA are working closely to achieve consistent requirements



Potential HWG 11 Taskings

- Implementation of Training Recommendations
 - Identify minimum training needs to meet proposed EAPAS maintenance requirements
 - Develop voluntary program to implement full training program as recommended by ATSRAC
 - Regulatory Authority support needed
 - Other programs where implementation can concurrent
 - Identify metrics and process to measure success
 - Suggest schedule for implementation



Potential HWG 11 Taskings

- Implementation of EAPAS Maintenance Program for existing STCs
 - Passenger to Freighter Conversion STCs
 - Major STCs that significantly increase density in a zone