

*Status of the*  
**Enhanced Airworthiness  
Program for Airplane  
Systems**

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# Outline

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# EAPAS Rulemaking Package

NPRM	Enhanced Airworthiness Program for Airplane Systems / FTS
AC 25.17-XX	Certification of Electrical Wiring Interconnection Systems on Transport Category Airplanes
AC 25-YY	Development of Standard Wiring Practices Documentation
AC 120-YY	Aircraft Electrical Wiring Interconnection Systems Training Program
AC 120-XX	Program to Enhance Transport Category Airplane Electrical Wiring Interconnection System Maintenance
AC 25-XX	Subpart I, Continued Airworthiness and Safety Improvements
AC 25.869-1	Fire Protection Systems
AC 25.899-1	Electrical Bonding and Protection Against Static Electricity
AC 25.1353-1	Electrical Equipment and Installations
AC 25.1357-1X	Circuit Protective Devices
AC 25.1360-1X	Protection Against Injury
AC 25.1362-1X	Electrical Supplies for Emergency Conditions
AC 25.1365-1X	Electrical Appliances, Motors, and Transformers

# EAPAS Rulemaking Schedule

- **NPRM and 11 ACs Published in Federal Register** **10/6/2005**
- **Maintenance (EZAP) AC will publish in Federal Register** **10/XX/2005**
- **Comment period for ACs closes** **12/5/2005**
- **Comment period for NPRM closes** **2/3/2006**
- **Proposed manufactures' EZAP** **12/16/2007**
- **Proposed operators' maintenance updates** **12/16/2008**

# EAPAS Overview at 2006 Aging Aircraft Conference

- **In conjunction with the 2006 Aging Aircraft Conference - March 6, 2006 in Atlanta, Georgia USA.**
- **Objective: To present the EAPAS and the regulatory enhancements. The overview will include:**
  - **History of wiring issues on transport category airplanes and the consequences of wiring failures, illustrated by a review of relevant incidents and accidents.**
  - **Details of activities by civil aviation authorities, airplane manufacturers, operators, and others to address wiring issues on transport category airplanes will be examined.**
  - **Current research and development efforts will be presented in an overview of new and emerging technologies for enhancing aircraft electrical wiring interconnection system (EWIS) safety.**
  - **Aircraft wiring best practices will be explained, with the goal of providing an overview of all aspects of aging wiring and the basic concepts of aircraft wiring best practices.**