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Federal Aviation
Administration**

InFO

Information for Operators

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http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/info

An InFO contains valuable information for operators that should help them meet certain administrative, regulatory, or operational requirements with relatively low urgency or impact on safety.

Subject: Aging Aircraft Safety Rule (AASR)

Purpose: This InFO provides reference documents to aid in the development of a compliance plan for the AASR, Title 14 Code of Federal Regulations (14 CFR), part 121, §§ 121.1109/129.109 Supplemental Inspections rules by the deadline of December 20, 2010.

Background: Questions about AASR compliance raised during meetings and correspondence with the Federal Aviation Administration (FAA) and their answers have been compiled into a Questions and Answers (Q&A) The Q&As are written to provide position/clarification regarding the development of an Operator's Implementation Plan (OIP) as a compliance plan for §§ 121.1109/129.109 and the "means" for addressing the adverse effects of repairs and alterations. The rules require that the "means" for addressing the adverse effects of repairs and alterations be approved by the FAA Oversight Office. The Q&As provide clarification as to items that must be included in the "means" which is FAA oversight Office approved and the OIP which is approved by the Principal Maintenance Inspector (PMI).

Discussion: Sections 121.1109(c)(2) and 129.109 (b)(2) of the AASR requires that an operators' airplane maintenance program include a "means" for addressing the adverse effects repairs, alterations, and modifications may have on fatigue critical structure. The "means" covers two aspects, the first being a process for addressing existing repairs (i.e., Repair Evaluation Guidelines), and the second being the actual Damage Tolerant (DT) data contained in published documents such as Safety Risk Management (SRM) and Service bulletins as well as DT data for future repairs and for existing/future alterations.

Recommended Action: Part 121/129 operators and airworthiness aviation safety inspectors (ASI) should review this InFO and utilize the Q&As, Advisory Circular (AC) 120-93 and FAA Order 8900.1 listed below in the development of the AASR compliance plan. Part 121/129 operators must have the required processes incorporated into their maintenance program and approved by the PMI by the deadline date of December 20, 2010. The reference listed above may be found by clicking on the links below:

- [Q&A: Implementation of Supplemental Inspection Rules 14 CFR, part 121, §§ 121.1109 and 129.109.](#)
- [FAA Order 8900.1 , Volume 4, Chapter 6, Section 4, Supplemental Inspection for Parts 121 and 129.](#)
- [AC 120-93, Damage Tolerance Inspections for Repairs and Alterations.](#)

Contact: Questions or comments regarding this InFO should be directed to the Aircraft Maintenance Division, Division, Air Carrier Maintenance Branch (AFS-330) at (202) 267-1675.