



## MODIFICATION AND REPLACEMENT PARTS ASSOCIATION

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### **FAA PMA Workshop Answers Questions on Endurance, Vibration and Materials**

The Modification and Replacement Parts Association (MARPA) is proud to announce that the FAA's Mark Bouyer will present a special workshop on endurance, vibration and materials at the 2010 MARPA Conference. Bouyer manages PMA policy questions for the FAA's Engine Directorate. His presentation will answer many of the questions that the industry has raised about how to show compliance with FAA airworthiness standards related to endurance, vibration and materials.

The FAA requires would-be manufacturers to apply for design approval before they make aircraft parts. This generally involves a complex set of compliance showings that are based upon tests and analysis performed by the applicant.

Recently, the FAA has published new guidance on endurance testing and on vibration testing. These new guidance documents established new standards for what the FAA considers acceptable methods of compiling and presenting this compliance data related to on endurance and vibration.

In addition to a focus on improved standards for on endurance testing and on vibration testing, the FAA is also developing new guidance on how to demonstrate the adequacy of materials found in aircraft parts designs. Bouyer will also discuss some of the ideas that the FAA has about materials identification and compliance showings based on existing guidance, and the FAA's efforts to bring that guidance into one resource.

Endurance, vibration and materials are three compliances subjects about which many PMA manufacturers have questions. Mark Bouyer handles engine PMA policy issues for the FAA and he is the man for answers.

MARPA is the non-profit trade association that represents the aircraft parts manufacturing industry (PMA parts manufacturers). MARPA works closely with the FAA to help develop safety standards and tools that enable manufacturers to meet those safety standards. The MARPA Annual Conference will take place October 27-29, 2010 at the Law Vegas Renaissance Hotel. More conference information is available online: <http://www.pmaparts.org/conference>.