



U.S. Department
of Transportation
**Federal Aviation
Administration**

New England Region

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MAR 04 2005

Robert M. Lee
Vice President, Technical Support
Axiam, Inc.
58 Blackburn Center
Gloucester, MA 01930

Dear Mr. Lee:

This is in response to your submittal dated January 10, 2005, which requests the Federal Aviation Administration (FAA) review the Axiam Rotor Assembly Optimization Process for the CFM56-HPC-01 high-pressure compressor (HPC). The process is an alternative to the assembly process contained in the CFM56 international engine shop manual for assembling the CFM56 HPC.

We have reviewed your submittal and find it acceptable. The Axiam Smart Stack System described in your submittal offers an equivalent method for measuring, stacking and assembling CFM56 HPC components. Therefore, under the provisions of 14CFR43 §43.13, the Axiam Rotor Assembly Optimization Process is hereby approved as an acceptable alternative assembly procedure for the CFM56 HPC.

Sincerely,

Robert Guyotte
Manager, Engine Certification Office

William Machado
Manager, Boston Aircraft Evaluations Group