



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

Small Airplane Directorate  
Chicago Aircraft Certification Office  
2300 E. Devon Avenue  
Des Plaines, IL 60018

February 23, 2012

Ms. Robin-Elizabeth Parsley  
Lead Service Engineer  
Rolls-Royce Corporation  
P.O. Box 420  
Indianapolis, IN 46206-0420

Dear Ms. Parsley:

This is in response to your letter dated February 23, 2012. You have requested an Alternative Method of Compliance (AMOC) for Airworthiness Directive AD 2004-26-09 that is applicable to certain Compressor Splined Adaptor (CSA) couplings installed on Rolls-Royce Corporation (RRC) model 250 engines. This AD, issued January 4, 2005, requires removal of RRC P/N 23039791-1/2/3 couplings any time the compressor rotor is disassembled for any reason, but not later than March 1, 2012.

You proposed that allowing the continued operation of RRC P/N 23039791-1/2/3 CSA couplings until December 31, 2012 for European operators be approved as an AMOC to the paragraph (h) requirement of AD 2004-26-09. You have reviewed the recent service history of RRC P/N 23039791-1/2/3 CSA couplings in the model 250 engine. The last P/N 23039791-1/2/3 coupling was released to the field in March 2003. There were a number of failures of this part leading up to the issuance of AD 2004-26-09 however, since the AD was issued there have been no failures of properly installed RRC couplings.

Based on the data you provided with your request, the Federal Aviation Administration considers your proposal to be acceptable to the requirements of this AD. Accordingly, we accept extending the compliance date for RRC P/N 23039791-1/2/3 couplings until December 31, 2012 as an AMOC to AD 2004-26-09.

This FAA AMOC is transferable with the aircraft to an operator who operates the aircraft under U.S. registry.

Before using this AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

The Chicago Aircraft Certification Office will revoke this AMOC if we later determine that this AMOC does not provide an acceptable level of safety.

All provisions of FAA AD 2004-26-09 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

This AMOC only applies to the FAA AD listed above. The FAA does not have the authority to approve this as an AMOC to any AD issued by another civil aviation authority (CAA). Approval of an AMOC to another CAA's AD must come from the CAA of the State of Registry. A copy of this response will be forwarded to the CAA where these aircraft are registered for their consideration.

If you have any questions or need additional information, please contact John Tallarovic at telephone 847-294-8180, fax 847-294-7834, or electronic mail at [john.m.tallarovic@faa.gov](mailto:john.m.tallarovic@faa.gov).

Sincerely,



John M. Tallarovic  
Small Engine Program Manager  
Chicago Aircraft Certification Office