



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

Southwest Region  
Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

Fort Worth, Texas 76137

December 19, 2012

Mike May  
Technical Representative Field Support  
American Eurocopter Corporation  
2701 Forum Drive  
Grand Prairie, TX 75052-7099

Dear Mr. May,

We have reviewed your request for a global Alternate Means of Compliance (AMOC) for Airworthiness Directive (AD) 2010-21-07 for the Eurocopter France (ECF) helicopter models AS350B3 and EC130 B4 equipped with ARRIEL 2B1 engines. This AD requires a functional check of the 53Ka and 53Kb micro-switches on the twist grip to have a proper contact which allow the engine to go from IDLE mode to FLIGHT mode.

ECF has subsequently issued ASB AS350-80.00.09 (for the AS350B3) and ASB EC130-80A005 (for the EC130B4) at Revision 0, dated November 22, 2012. These ASBs authorize the installation of an "improved twist grip operational logic" per MOD 074263 which is a terminating action to the requirements of AD 2010-21-07.

Your AMOC is approved. Note that the granting of this AMOC does not relieve, alter or waive any other maintenance operations required for the AS350B3 and EC130B4 fleet other than those specifically mentioned herein.

This AMOC does not invalidate other similar AMOCs that have been issued. 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.

All provisions of AD 2010-21-07 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

The Rotorcraft Standards Staff will revoke this AMOC if the Rotorcraft Standards Staff later determines that this AMOC does not provide an acceptable level of safety

If you have questions, please contact Mr. Chinh Vuong at 817-222-5116 or George Schwab at 817-222-5114.

Sincerely,



James A. Grigg  
Manager, Safety Management Group  
Aircraft Certification Service



Dec-6-2012

James Grigg,

Dear Sir,

My name is Mike May and I am a light helicopter (AS350/355/EC130/EC120) technical representative for American Eurocopter. American Eurocopter is requesting a global alternate means of compliance for Airworthiness Directive 2010-21-07 amendment 39-16467 affecting the EC130 B4 and AS350B3 aircraft. AD 2010-21-07 was based off of ASB 05A009 for the EC130 B4 and ASB 05.00.61 for the AS350B3 2B1, since the release there has been a new modification to address the situation of a simultaneous failure of microswitches 53ka and 53Kb. We have released a new mandatory modification Mod 07 4263 with the release of ASB 80A005 for the EC130 B4 and ASB 80.00.09 for the AS350B3 2B1. This modification addresses the ability to return to flight mode in all cases, even with the simultaneous failure of microswitches 53Ka and 53Kb the subject of ASB 05A009 and ASB 05.00.61. Based on the application of Mod 07 4263, the compliance of ASB 80A005 for the EC130 B4 and ASB 80.00.09 for the AS350B3 2B1 aircraft, we request this to be considered a terminating action for Airworthiness Directive 2010-21-07 amendment 39-16467.

Best regards,

Mike May  
Technical Representative 350/355/130  
American Eurocopter Corp.  
2701 Forum Drive  
Grand Prairie TX 75052-7009  
Phone 972-641-3412  
Toll free 800-232-0323  
Fax 972-641-3710  
[mike.may@eurocopterusa.com](mailto:mike.may@eurocopterusa.com)  
[www.eurocopterusa.com](http://www.eurocopterusa.com)

