

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	PAD No.: 14-081 Date: 22 May 2014 Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A380 aeroplanes
TCDS Number:	EASA.A.110
Foreign AD:	Not applicable
Supersedure:	This AD supersedes EASA AD 2011-0002R1 dated 29 April 2013.
ATA 57	Wings – Movable Flap Track Fairing (MFTF) #6 – Inspection / Replacement / Modification
Manufacturer(s):	Airbus
Applicability:	Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial numbers on which Airbus modification (mod) 68729 or 71589 has been embodied in production, or Airbus Service Bulletin (SB) A380-57-8017 or SB A380-57-8036 has been embodied in service.
Reason:	As a result of introduction of reinforced MFTF #6 pivot, flight tests and stress assessments have shown that cracks can occur at the U-Frame structure of the reinforced Left-Hand (LH) and Right-Hand (RH) MFTF #6. For aeroplanes fitted with this reinforced MFTF #6 pivot (corresponding to the following Part Numbers: L5758411600200, L5758411600300, L5758411600400, L5758411600500, L5758411600600, L5758411600700, L5758411600800, L5758411600900), cracks at the aft attachment of the mid flap track fairing could lead to in flight detachment of the fairing. This condition, if not detected and corrected, could result in injuries to persons on the ground. To address this unsafe condition, EASA issued AD 2011-0002 to require repetitive inspections of the MFTF #6 U-Frame to early detect cracks and, if any crack is found, to replace the MFTF#6. Since that AD was issued, Airbus developed mod 71589 of affected MFTF #6, available for accomplishment in service through Airbus SB A380-57-8036, as an interim fix to the repetitive inspections required by that AD.

	Consequently, EASA issued AD 2011-0002R1 to exclude aeroplanes that embodied Airbus mod 71589 in production and to specify that aeroplanes modified in service in accordance with Airbus SB A380-57-8036 were (temporarily) no longer affected by the repetitive inspections. Since that AD was issued, Airbus issued SB A380-57-8096 to provide inspection instructions for aeroplanes that embody Airbus mod 71589 in production, or modified in service in accordance with Airbus SB A380-57-8036. For the reasons described above, this AD retains the requirements of EASA AD 2011-0002R1, which is superseded, and add repetitive inspections for post-mod 71589 and post-SB A380-57-8096 aeroplanes.
Effective Date:	[TBD: 14 days after final AD issue date]
Required Action(s) and Compliance Time(s):	Required as indicated, unless already accomplished: For aeroplanes incorporating Airbus mod 68729 in production or Airbus SB A380-57-8017 in service, except those incorporating Airbus mod 71589 in production, or Airbus SB A380-57-8036 in service: (1) Before the MFTF #6 exceeds 800 flight cycles (FC) since its first installation on an aeroplane, and, thereafter, at intervals not to exceed 160 FC, accomplish a High Frequency Eddy Current (HFEC) inspection of the LH and RH MFTF #6 to detect any crack in accordance with the instructions of Airbus SB A380-57A8032. (2) If, during any HFEC inspection as required by paragraph (1) of this AD, any crack is detected, before next flight, replace the MFTF#6 with a serviceable part in accordance with the instructions of Airbus SB A380-57A8032. (3) Replacement of an MFTF #6 as required by paragraph (2) of this AD does not constitute terminating action for the initial and repetitive inspections required by paragraph (1) of this AD. For aeroplanes incorporating Airbus mod 71589 in production, or Airbus SB A380-57-8036 in service: (4) Before the mid-fairing or tail cone of the MFTF #6 exceeds 7 900 FC since its first installation on an aeroplane, and thereafter, at intervals not to exceed the compliance time values as defined in Airbus SB A380-57-8096, inspect the LH and RH MFTF #6 to detect any crack in accordance with the instructions of Airbus SB A380-57-8096. (5) If, during any inspection as required by paragraph (4) of this AD, any discrepancy is detected, as defined in Airbus SB A380-57-8096, before next flight, replace the damaged part(s) of the MFTF #6 with new part(s) in accordance with Airbus SB A380-57-8096. (6) Replacement of damaged part(s) as required by paragraph (5) of this AD does not constitute terminating action for the initial and repetitive inspections required by paragraph (4) of this AD.
Ref. Publications:	Airbus SB A380-57A8032 original issue dated 26 November 2010. Airbus SB A380-57-8017 original issue dated 05 June 2009. Airbus SB A380-57-8036 original issue dated 13 July 2012. Airbus SB A380-57-8096 original issue dated 16 April 2014. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.
Remarks:	1. This Proposed AD will be closed for consultation on 19 June 2014.

	2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS SAS - EIANA (Airworthiness Office), E-mail: account.airworth-A380@airbus.com.
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