EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0151 **Date: 16 August 2011** Note: This Airworthiness Directive (AD) 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.

This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].

Type Approval Holder's Name :	**Type/Model designation(s) :**
AIRBUS	A380 Aeroplanes

TCDS Number :	EASA.A.110
Foreign AD :	Not applicable
Supersedure :	None

ATA 57	**Wings – Wing Flap Track 1 Aft Z-Link (Second Load Path) Lower Attachments – Inspection / Repair**
Manufacturer(s):	Airbus
Applicability:	Airbus A380 aeroplanes, -841, -842, and -861 models, manufacturer serial numbers: 003, 005, 006, 008, 010, 011, 012, 013, 014, 015 and 016.
Reason:	It has been identified that on several A380 aeroplanes the nuts of the aft Z-link lower attachments to the wing flap track 1 beams have been over-torqued during production as a result of incorrect installation drawings. The aft Z-link (second load path) should normally only carry load when the first load path Z-link (forward of the two aft Z-links) fails. Investigation revealed that such over-torquing could result in fatigue damage at the lower attachment of the aft Z-Link secondary load path, which can reduce the part fatigue life. This condition, if not detected and corrected could, in combination with the loss of the primary load path, lead to a flap surface detachment from the wing and consequent damage to the aeroplane or injury to persons on the ground. For the reasons described above, this AD requires a one-time inspection of the of the Left Hand (LH) and Right Hand (RH) flap track 1 lower attachment of the aft Z-links (secondary load path) and, depending on the findings, the accomplishment of corrective actions.

Effective Date:	30 August 2011
Required action(s) and Compliance Time(s):	Required as indicated, unless already accomplished : (1) Within 10 000 Flight Cycles after the aeroplane's first flight, perform a detailed visual inspection to detect any sign of cracking, deformation or excessive wear of the lower attachment parts of the aft-Z-links (secondary load path) and the flap track beams of flap track 1 LH and RH, in accordance with the instructions of Airbus Service Bulletin (SB) A380-57-8033 Original Issue. (2) If, during the inspection required by paragraph (1) of this AD, any discrepancy is detected, before next flight, contact Airbus for approved repair instructions and accomplish those instructions accordingly. (3) If, during the inspection required by paragraph (1) of this AD, NO signs of cracking, deformation or excessive wear are detected, re-torque each of the affected nuts of the aft Z-link lower attachment between 80 Newton metres (Nm) and 90 Nm, in accordance with the instructions of Airbus SB A380-57-8033 Original Issue.
Ref. Publications:	Airbus SB A380-57-8033 at Original Issue. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 1. This AD was posted on 01 July 2011 as PAD 11-063 for consultation until 29 July 2011. No comments were received during the consultation period. 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 - EANA (Airworthiness Office), Phone: +33 562110253 ; Fax:+33 562 110 307. E-mail: account.airworth-A380@airbus.com and Nicolas.Cordeau@airbus.com and Sandra.Cuiec@airbus.com