

**Service Letter**

**Title:** SL-373; Airbus EC145 Air Conditioner Compressor Mount

**Date:** September 29, 2016

**Applicability:** Airbus Helicopter model EC145 equipped with the Air Comm Corporation air conditioner system

**Reference:** 1. FAA / STC # SR00601DE, Airbus Helicopter EC145 Air Conditioning System, Model MBB-BK 117 C-1, C-2

**Compliance:** Recommended inspection within 20 flight hours

**A. Discussion:**

There has been a reported issue for an ACC air conditioning compressor mount that involved a broken lug on the compressor housing. The loss of one of the three mounting lugs allowed the compressor to mis-align whereby the compressor drive belt dislodged and settled in the proximity of the brake rotor and tail rotor drive shaft coupling and resulting in loss of cooling capability for the aircraft cabin. The following provides the required course of action.

**B. Parts:**

Not applicable.

**C. Approval:**

The technical aspects of this Service Bulletin are based on FAA previously approved data.

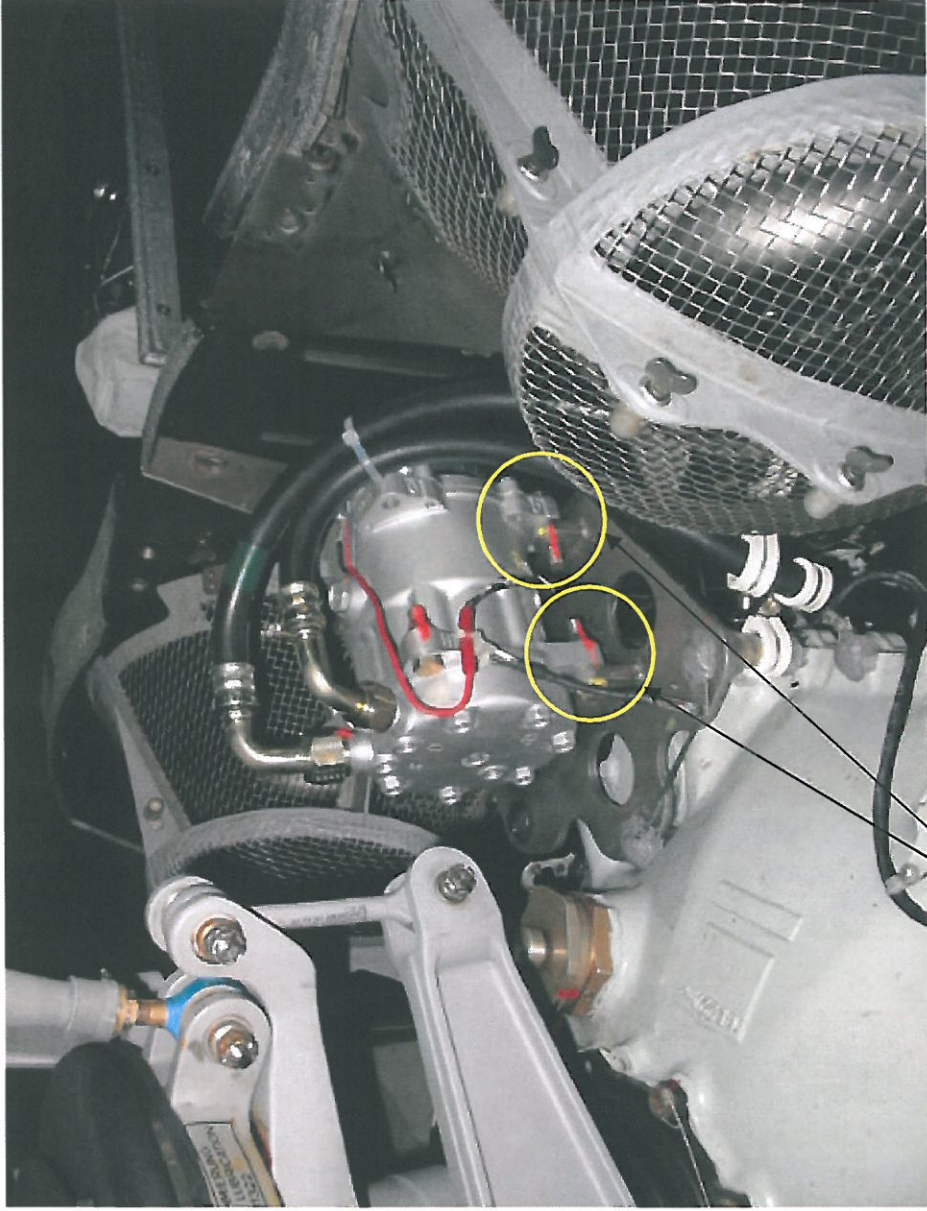
**D. Weight & Balance:**

Not Applicable

**E. Procedure**

Inspect the compressor installation to determine mounting integrity. Verify that the torque on the two fastener sets used to secure the compressor to the mount is between 160-190 in-lb.(see photo next page). Inspect the lugs for cracks. If cracks or looseness in the joints is discovered contact Service at Air Comm Corp. to report the findings: [service@aircommcorp.com](mailto:service@aircommcorp.com) Please note that the ICA manual calls for recurrent 100 hr. inspections of these interfaces.

Revision	Issue Date	Inserted By	Approved by	Description of Changes
NC	09/29/2016	JMB		Initial Release



Inspect these fasteners and lugs