ACC *Air Comm Corporation*

Service Bulletin

Title: Eurocopter EC135 Environmental Control Unit installation inspection and possible rework

Date: 7 May 2013

Applicability: Owner/Operators of Eurocopter EC135 Helicopters with STC SR00565DE Air Conditioning System

Reference:

FAA / STC # SR00565DE, Eurocopter EC135 Air Conditioning System
EC135-302 Compressor Installation Drawing

Compliance: Within 30 days after receipt of Service Bulletin. All EC135 SNs with STC # SR00565DE installed (verify in log book).

A. Discussion:

Air Comm was recently advised of a case of the compressor pulley mounting bolts having reduced clamping force due to fretting under the bolt heads. This has the potential to eventually result in separation of the pulley from the compressor sleeve, rendering the system inoperative.

As a result of this, Air Comm Corporation as the STC holder recommends to every user of SR00565DE installed on an EC135 to check for condition and security of attaching hardware on the compressor pulley and signs of fretting beneath the bolt heads.

In case a non-conforming condition is identified as a result of this verification, the operator shall contact Air Comm Corporation for further instructions.

B. Approval:

The technical aspects of this service bulletin are based on FAA approved data.

C. Weight & Balance:

There is no change in weight due to the inspection.

D. Revision History:

Revision	Issue Date	Inserted By	Approved	Description of Changes
N/C	5/7/13	RL	*[signature]*	Initial Release

E. Inspection Instructions:

1. Prepare helicopter for maintenance.

2. Remove upper cowlings as necessary to gain access to the compressor assembly.

3. Inspect attaching hardware on compressor pulley for security (Figure 1.2). Contact Air Comm Corporation if any anomalies are found.

4. Secure aircraft.

5. Sign off ASB in aircraft log book as complied with.

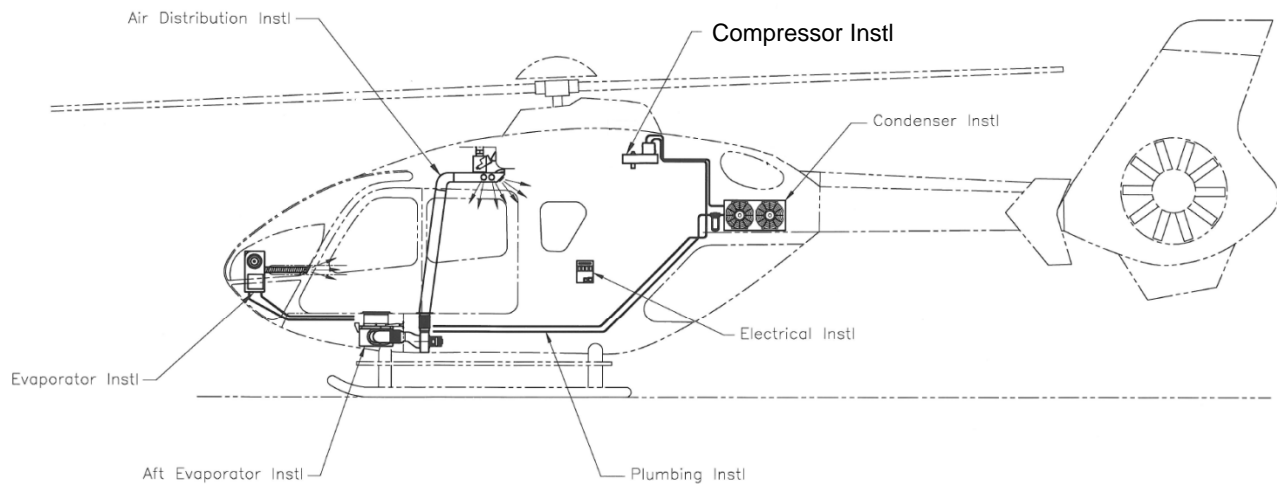6. Contact Air Comm Corporation if additional guidance is needed.

Figure 1.1
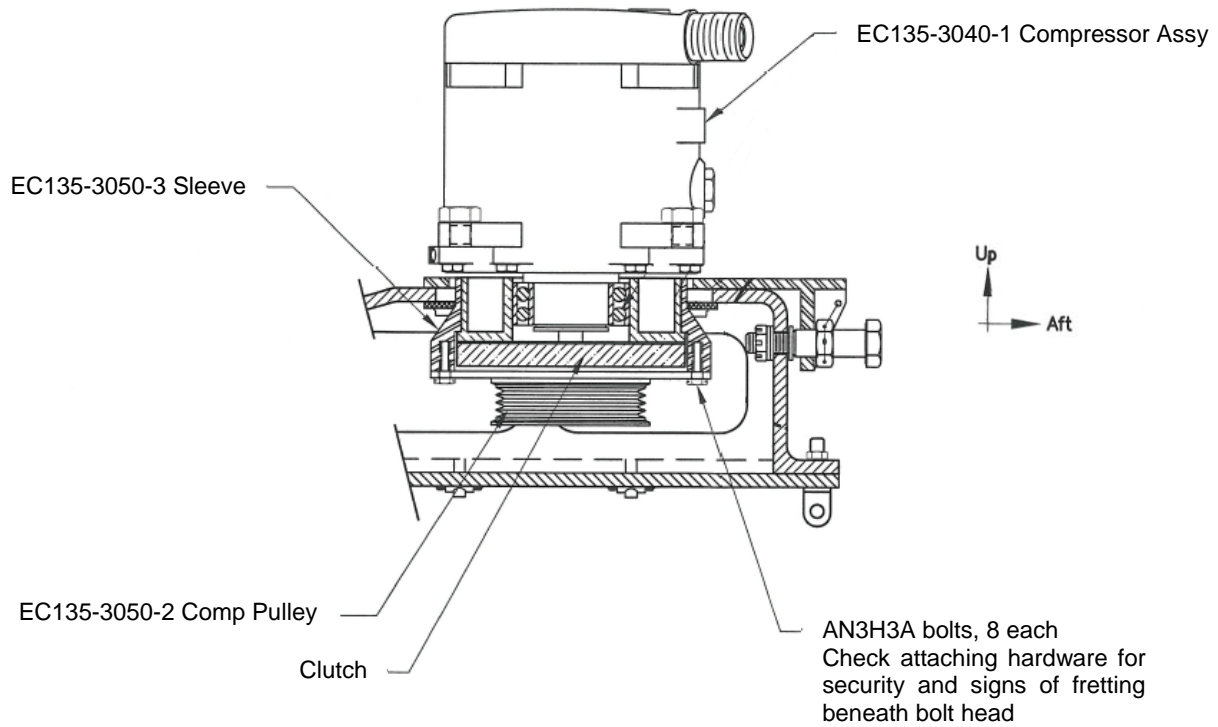**Air Conditioner System Layout**

EC135-3040-1 Compressor Assy

EC135-3050-3 Sleeve

Up

Aft

EC135-3050-2 Comp Pulley

Clutch

AN3H3A bolts, 8 each
Check attaching hardware for
security and signs of fretting
beneath bolt head

Figure 1.2
Compressor Assembly Installation
(Looking Inboard)