Bell Helicopter
A Textron Company

ALERT SERVICE BULLETIN 206-16-135
5 August 2016

MODEL AFFECTED: **206A/B and TH-67**

SUBJECT: **Air Conditioner Compressor Pulley Installation, Fastener Change**

HELICOPTERS AFFECTED: **Serial number 4 through 4690 and 5101 through 5313.**

COMPLIANCE: See attached Service Bulletin (SB) 206-051616 Revision NC dated May 31, 2016.

DESCRIPTION:

The purpose of this bulletin is to achieve complete distribution of the attached vendor bulletin to the current affected model distribution list on record by Bell Helicopter Textron.

APPROVAL:

See attached Service Bulletin (SB) 206-051616 Revision NC dated May 31, 2016.

CONTACT INFO:

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Approved for public release.

ACC Air Comm Corporation

Service Bulletin

Title: SB 206-051616; Bell 206 Air Conditioner Compressor Pulley Install Fastener change

Date: May31, 2016

Applicability: Bell Helicopter model 206 Equipped with the Air Comm Corporation air conditioning kit

Reference: FAA / STC # SH2750NM, Bell Helicopter 206 Air Conditioning System.

Compliance: Mandatory one time inspection within 25 flight hrs.

A. Discussion:

Referring to Figure 1 on Sheet 2, the installation of the ACC air conditioning pulley onto the tail rotor drive shaft involves separating the Thomas coupling joint by removing the set of four fasteners at the joint (identified by flag note 11 in the view). The air conditioning kit has included a set of new fasteners including specialized bevel washers to replace the OEM hardware at this location. ACC has become aware that the fasteners provided in the kit were a larger diameter than the original fasteners and therefore were unable to have been installed. The ACC supplied bevel washers however could possibly have been used with the OEM fasteners because of their larger bore size.

The required action is to verify that only the OEM fasteners are in place, including the OEM bevel washers, and that the placement and direction of the bevel washers are per the Bell Service Document 65-99-00.

The ACC drawing covering the installation of the compressor pulley has recently been revised to call for the replacement of the OEM fasteners as shown in note 11 of Figure 1 on sheet 2.

B. Approval:

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

C. Weight & Balance:

The weight change due to the modification of these parts is negligible and no adjustment to the weight and balance of the aircraft is necessary.

Revision	Issue Date	Inserted by	Approved by	Description of Changes
NC	05-31-2016	JMB		Initial Release

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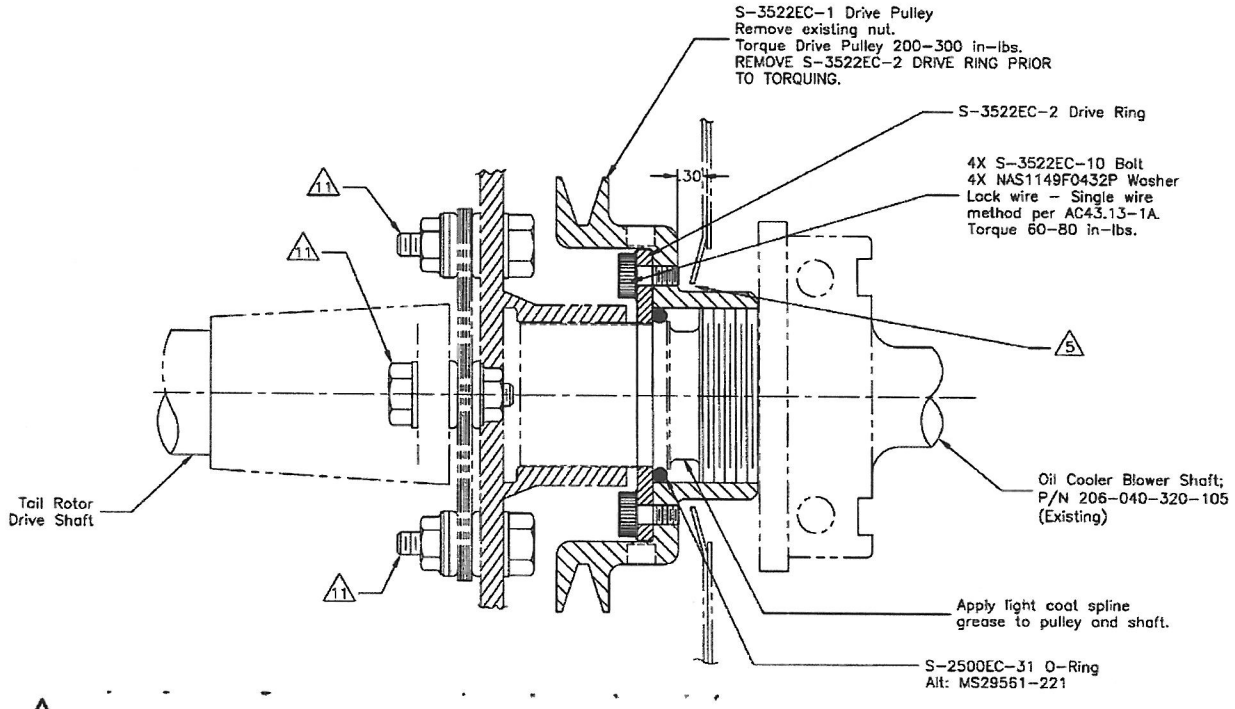

11 Re-use pre-existing hardware including bolts, flat washers, bevel washers and nuts. Install, torque and safety wire per Bell service document 65-99-00, paying special to the location and direction of the bevel washers. (Sht 11)

Figure 1. Compressor Pulley Installation configuration