

Service Bulletin

Title: SB 429-206 Bell 429 Condenser Fan Motor Mount Fastener Inspection

Date: May 29, 2018

Applicability: Bell Helicopter Textron Canada Limited 429 Aircraft equipped with any Air Comm Corporation 429EC-204 or 429EC-206 Air Conditioning Systems.

Reference: FAA STC # SR00693DE

Compliance: At customer's option

Supplied Parts: 4x ES39019-1 locking fasteners

Not Supplied: Indelible ink

Revision	Issue Date	Inserted By	Approved by	Description of Changes
NC	8/21/17	CRP	JEB	Initial Release
A	5/29/18	CRP	MFK	Updated compliance, added RMA step, corrected P/N errors in Step 5 and Figure 1

A. Discussion:

During an internal safety audit, ACC found the condenser blower assembly was missing secondary locking features in critical areas. This service bulletin is intended to rework the condenser blower assembly by adding secondary locking features to all fasteners in order to ensure safety of flight and to comply with all regulations.

B. Procedure:

Follow the procedure listed below:

1. Contact Air Comm Corporation Service Department to request an RMA for the condenser blower assembly. Please contact us at: Phone 303-440-4075, Fax 303-440-6355, or email service@aircommcorp.com.
2. Remove the condenser assembly from the aircraft per 429EC-200M-1 Instructions for Continued Airworthiness.
3. Remove the condenser blower assembly from the condenser assembly by removing 4x AN5-7A fasteners and disconnecting the cable. See Figure 1 for location of AN5-7A fasteners and cable disconnect.
4. Send the condenser blower assembly to Air Comm Corporation, 1575 West 124th Avenue, Westminster CO, 80234. Air Comm Corporation will return a S-6085EC-3 condenser blower assembly.
5. Reinstall the condenser blower assembly onto the condenser blower assembly with 4x ES39019-1 anti-rotation fasteners. Torque bolt from ES39019-1 to 100-140 in-lbs. Place anti-rotation retainer from ES39019-1 over top of bolt head, orienting anti-rotation retainer full counterclockwise as shown in Figure 2. Attach snap ring from ES39019-1.

6. Mark out existing part number on 429EC-7006-1 condenser assembly. Remark using indelible ink as 429EC-7006-2.
7. Reinstall the condenser assembly on the aircraft per 429EC-200M-1 Instructions for Continued Airworthiness.
8. Make log entry that this service bulletin SB 429-206 has been performed.

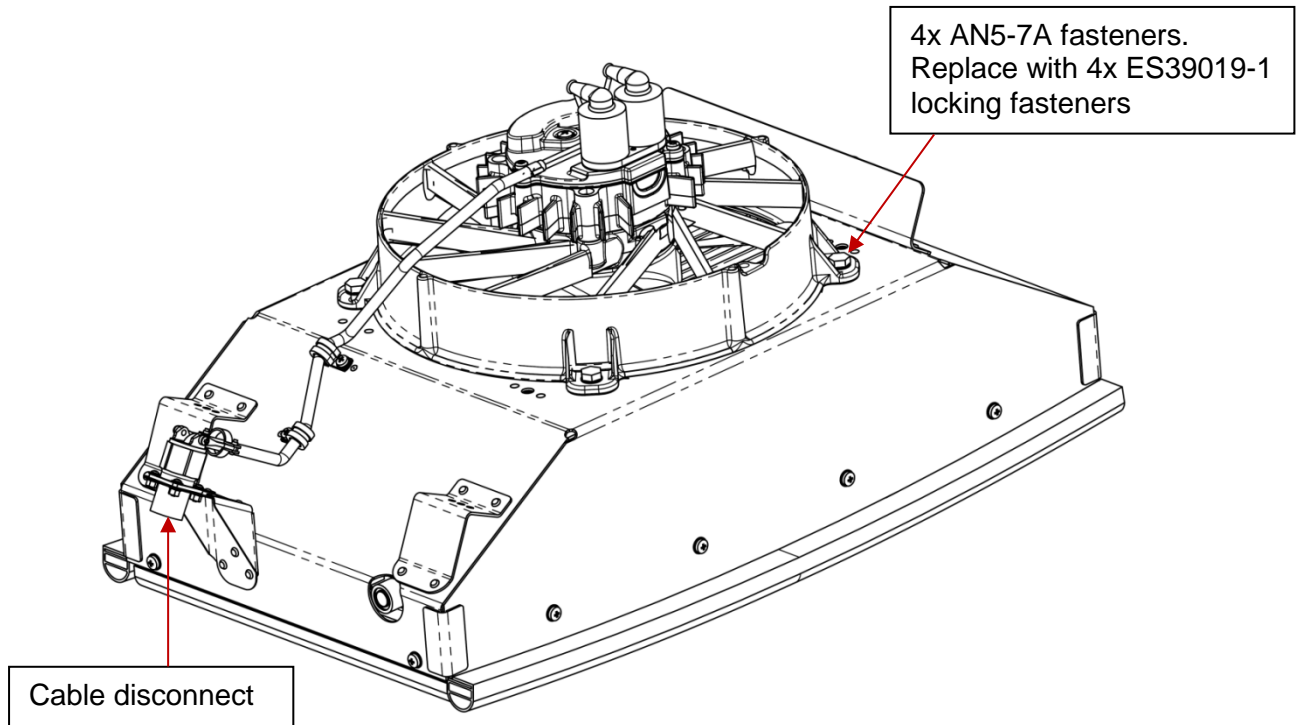


Figure 1

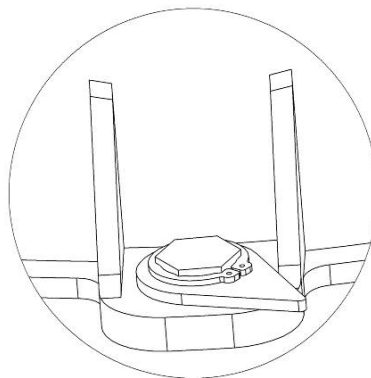


Figure 2

C. Approval:

This bulletin is based on previously FAA-approved data.

D. Weight & Balance:

Changes to weight & balance as a result of this service bulletin have been determined to be negligible.