

**Service Bulletin**

**Title:** SB 429-207 Bell 429 Condenser Fan Motor Mount Fastener Inspection

**Date:** February 11, 2019

**Applicability:** Bell Helicopter Textron Canada Limited 429 Aircraft equipped with any Air Comm Corporation 429EC-200 or 429EC-202 Air Conditioning Systems. Not applicable to any 429EC-200 or 429EC-202 Systems with SK-429EC-7000 accomplished.

**Reference:** FAA STC # SR00693DE

**Compliance:** Recommended installation within 20 flight hours.

**Supplied Parts:** 1X S-6033EC-102 Motor Cap Retainer  
1X AS3510-0224K Safety Cable Kit

**Not Supplied:** Loctite 222  
Indelible Ink

Revision	Issue Date	Inserted By	Approved by	Description of Changes
NC	2/11/19	RTD	MFK	Initial Release

**A. Discussion:**

During a required inspection, an operator reported finding the blower motor cap detached from the motor body. This service bulletin was created to ensure safety of flight and to comply with all regulations. This bulletin adds an additional fan motor cap retainer to the assembly.

**B. Procedure:**

Follow the procedure listed below:

1. Verify SB 429-205 has already been conducted. Conduct SB 429-205 if it has not been conducted.
2. Remove the condenser assembly from the aircraft per 429EC-200M-1 Instructions for Continued Airworthiness.
3. Remove the 3X MS24678-14 fasteners and 3x washers securing the fan motor. The 3X MS24678-14 fasteners will be reused.
4. Discard the 3X washers.
5. Apply Loctite 222 to 3X MS24678-14. Install the S-6033EC-102 motor retainer as shown in figure 1 and figure 2, secure it using the 3X MS24678-14. Torque fasteners to 20-25 in-lbs.

6. Attach AS3510-0224K locking cable or MS20995C32 locking wire to 3X MS24678-14 fasteners as shown in Figure 2, installing per the double-twist method specified in AC 43.13-1B Chapter 7 Section 7. It is permissible to use the small hole in the S-6033EC-102 motor cap retainer for securing the locking wire if the locking wire cannot be secured due to inaccessibility.
7. Mark blower using indelible ink with "SB 429-207 COMPLETED"
8. Reinstall the condenser assembly on the aircraft per 429EC-200M-1 Instructions for Continued Airworthiness.
9. Make log entry that this service bulletin SB 429-207 REV NC has been performed.

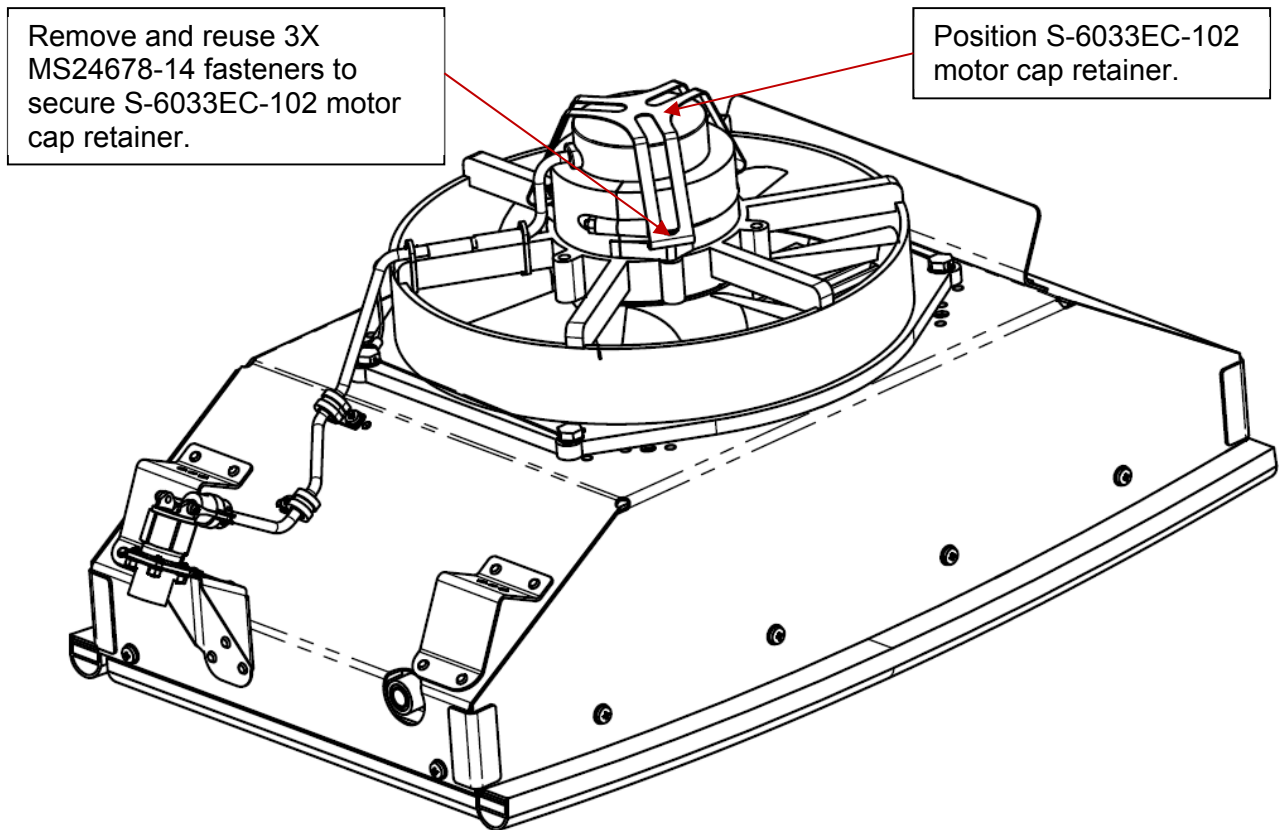
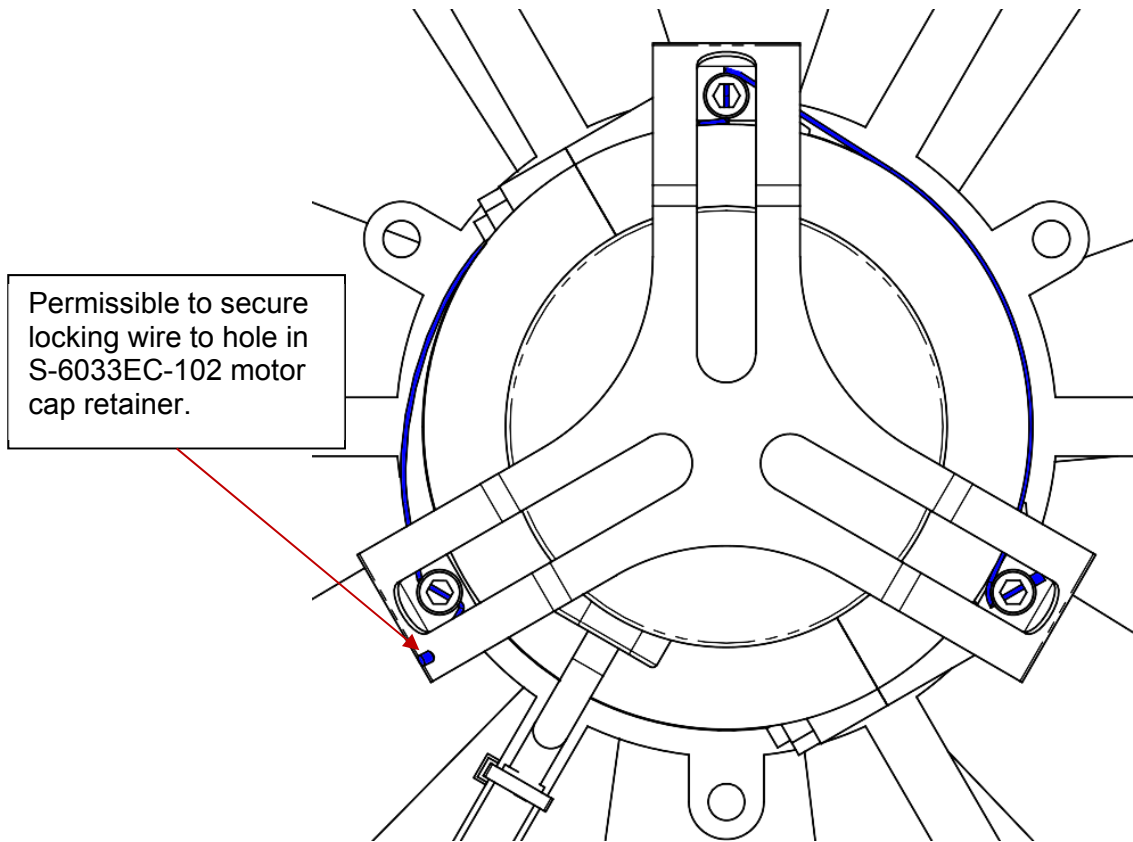


Figure 1



**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.