Service Letter

FAA-DER APPROVED

Service Letter: No. 323

Subject:

Replacement of Hi-Output Blower Motor Support Bracket.

Date:

29 August 1996

Applicability:

Bell Helicopter Models 206 L 4 & 407 series.

Reference:

F.A.A./S.T.C. #SH2750NM, Bell 206 series Air Conditioning System.
F.A.A./S.T.C. #SR00230DE, Bell 407 series Cabin Fresh Air Ventilation System.

2. Effected Drawing Numbers

S-6528EC Support Bracket (AFT Evaporator Blower Motor) 206EC-630 Installation 206 L series AFT Evaporator. 407V-620 Installation 407 series Cabin Blower Installation.

Compliance: Optional, at the discretion of the Operator.

Background: It has come to Air Comm Corporation's attention that the Support Bracket currently in use on its high output Blower Motor assembly (S-6528EC-18), may after time develop cracks along some of the bends in the tubing material. This document provides the necessary instructions for the replacement and up-grade of the Hi-output Blower Motor Support mount, for the AFT Evaporator.

Purpose: To Replace and Up-Grade S-6528EC Hi-Output Aft Evaporator Motor Support Bracket in the field.

Bill of Materials:

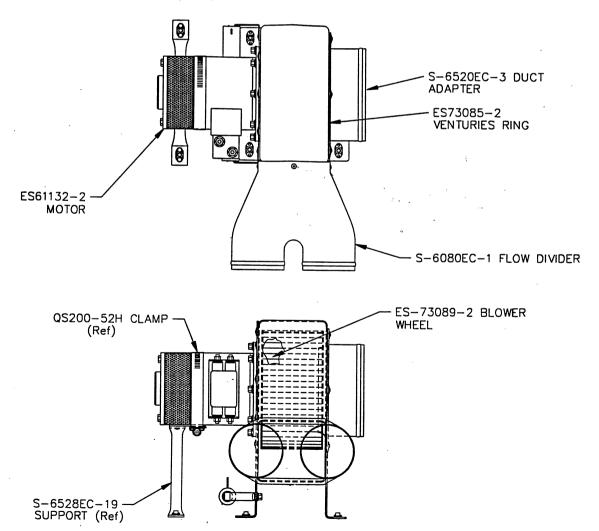
Qty.	Description	Part Number
1	Remove and Replace	
	Aluminum Support Bracket	S-6528EC-18
1	Install New Up-Graded	
	Stainless Steel Support Bracket	S-6528EC-19

CAUTION

Disconnect Battery and External Power from aircraft before starting work!

Replacement of AFT Evaporator Hi-Output Blower Motor Support Bracket

- 1. Remove Screws (2 pls) holding the feet of the support bracket to the electrical compartment shelf.
- 2. Loosen band Clamp (QS200-52H) that secures the top half of support bracket to the Hi-Output motor body.
- 3. Remove support bracket assembly S-6528EC-18 (Aluminum) from aircraft.
- 4. Install new Up-Graded support bracket S-6528EC-19 (Stainless Steel) in position below motor body.
- 5. Reinstall screws through the electrical shelf in to the bottom of the support feet nut plates, and tighten in place.
- 6. Reinstall band clamp (QS200-52H) around plate on the top of the support bracket, and tighten clamp.



-15 BLOWER ASSY (206/407 VENT AIR SYSTEM)

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