

Service Kit

FAA/DER APPROVED

Service Kit: SK-S-8022EC

Title: Eurocopter EC120 Air Conditioner Condenser Motor Noise & Filter Installation.

Date: February 27, 2007

Applicability: All Eurocopter Model EC120 Helicopters equipped with the Air Comm Corporation Air Conditioner Electrical System EC120-802.

Reference:
STC, SR00491DE Cabin Air Conditioning System.
EC120-802, Electrical Installation Drawing

Compliance: Optional, at the discretion of the operator.

Purpose: The purpose of this document is to install a filter to the condenser blower motor wiring, to eliminate noise produced by the blower motor during the operation of the air conditioner system. This condition can occur due to the varying locations and installation of the radio antennas, and their proximity to the condenser blower assembly.

Discussion: The condenser fan motor is emitting electrical noise that can be heard thru the aircrafts communication system. The installation of the S-8022EC-2 Filter Assembly will eliminate the noise without altering the motor's performance.

Instructions:

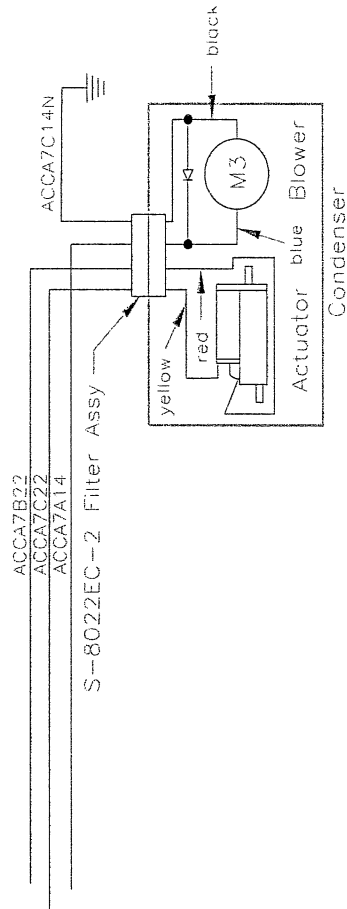
Install the item(s) in the Bill of Materials section of this document using the reference documents listed on Page 2 of 2 of this document.

Bill of Materials (Items to be installed)

Item	Qty.	Description	Part Number to be Installed
1	1	Motor Filter	S-8022EC-2

CAUTION

Disconnect battery and external power prior to starting work.



1. EC120-802 Electrical / S-8022EC-2 Filter Install

Weight and Balance:

There is no change to the weight and balance, as the addition of the S-8022EC-2 Motor Filter is negligible.