

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Thursday, February 02, 2017 8:38 AM
To: Grant Robinson
Subject: S-76D AC motor alternate P/N

Grant;

Following is the CSE response to my FTR requesting approval to install air conditioning motor P/N ES6110-1 in lieu of P/N 76-0553-1.

Case Number: C0052114
Customer: Thai Aviation Services Limited
Aircraft S/N: 761064
Aircraft Model: S-76D
Aircraft TT: 113
ATA: 21
Part Number: 76-0553-1
Case Subject: Air Conditioning Motor-Request For Alternate P/N

Problem Description:

Crew of 761064 reported ambient air blowing from the air conditioning ducts when the air conditioner was selected on.

Troubleshooters identified that voltage was going continuously to the P/N 76-0551-1 compressor motor through the stuck closed contacts A1/A2 of relay P/N MS24171-02 on the P/N EMI / Filter Assy P/N 76-0558-1, but that the motor itself did not turn.

The defect was deferred on a Cat C MEL.

The relay will be replaced with a serviceable part from stores.

When troubleshooters went to withdraw a replacement motor from the on-site SCI TAP consignment stock they discovered that it was P/N ES6110-1, part of compressor pallet assembly P/N JBS5004-1. A check of SCI stock shows zero balance of compressor motor P/N 76-0553-1.

The Cat C MEL expires 09 FEB 2017, at which the time the A/C will be grounded.

Can compressor motor P/N ES6110-1 be used on compressor pallet P/N 76-0551-1, in lieu of compressor motor P/N 76-0553-1? EoM

Problem Resolution:

Compressor Motor P/N ES6110-1 CAN NOT be used on Compressor Pallet P/N 76-0551-1

David P. McConnell

Senior Field Service Representative
Sikorsky, a Lockheed Martin company
Email dave.p.mcconnell@lmco.com
Smartphone +1 (203) 873-8552 (US)
Efax +1 (860) 998-8791 (US)
Cell +66 (0)8 7750-7920 (Thailand)



WARNING: THE INFORMATION IN THIS TRANSMISSION IS CONFIDENTIAL AND IS MEANT TO BE READ AND USED ONLY BY THE INTENDED RECIPIENT. ENCLOSED COMMODITIES, TECHNICAL DATA OR SOFTWARE ARE SUBJECT TO THE EXPORT CONTROL OF EITHER THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) OR THE EXPORT ADMINISTRATION REGULATIONS (EAR) AND CANNOT BE EXPORTED WITHOUT THE AUTHORIZATION OF EITHER THE DEPARTMENT OF STATE OR THE DEPARTMENT OF COMMERCE PRIOR TO EXPORT. EXPORT INCLUDES DISCLOSURE AND OR ACCESS TO COMMODITIES, TECHNICAL DATA OR SOFTWARE BY FOREIGN NATIONALS WHETHER LOCATED IN THE UNITED STATES OR ABROAD. THIS REQUIREMENT APPLIES EQUALLY TO FOREIGN NATIONAL EMPLOYEES OF U.S. COMPANIES AND THEIR FOREIGN SUBSIDIARIES. THIS DOCUMENT, OR AN EMBODIMENT OF IT IN ANY MEDIA, DISCLOSES INFORMATION WHICH IS PROPRIETARY, IS THE PROPERTY OF SIKORSKY AIRCRAFT CORPORATION AND/OR ITS SUBSIDIARIES, IS AN UNPUBLISHED WORK PROTECTED UNDER APPLICABLE COPYRIGHT LAWS, AND IS DELIVERED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED, DISCLOSED, REPRODUCED, IN WHOLE OR IN PART (INCLUDING REPRODUCTION AS A DERIVATIVE WORK), OR USED FOR MANUFACTURE FOR ANYONE OTHER THAN SIKORSKY AIRCRAFT CORPORATION AND/OR ITS SUBSIDIARIES WITHOUT ITS WRITTEN CONSENT, AND THAT NO RIGHT IS GRANTED TO DISCLOSE OR SO USE ANY INFORMATION CONTAINED HEREIN. ALL RIGHTS RESERVED. ANY ACT IN VIOLATION OF APPLICABLE LAW MAY RESULT IN CIVIL AND CRIMINAL PENALTIES. ANY REVIEW, USE, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS TRANSMITTAL BY AN UNINTENDED RECIPIENT IS STRICTLY PROHIBITED, AND MAY BE A VIOLATION OF LAW SUBJECT TO PENALTY.