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October 13, 2017

CCS-92-AOL-17-0034

To: All S-92® Operators
All S-92® Service Centers
All Field Service Representatives

Attention: Aviation Director
Chief of Maintenance
Chief Helicopter Pilot

Subject: Vespel® Spline Adapters for the S-92® Helicopter

Sikorsky has received field reports that certain Vespel spline adapters Part No. 92351-15284-104 are missing an end chamfer characteristic and/or are difficult to install on the shaft of the lubrication pump. Sikorsky has subsequently identified additional stock parts with the same conditions.

Sikorsky has determined these conditions are not a safety of flight issue and there is no impact to aircraft airworthiness. It is prudent to check the S-92 MGB Oil Pump for proper seating with the MGB housing following the S-92 Maintenance Manual instructions. If you have any questions regarding the proper fit, please contact Sikorsky.

The purpose of the end chamfer is to assist with alignment during installation of the oil pump. This chamfer characteristic is not a critical design feature. Installation of the oil pump onto the MGB housing and normal operation of the oil pump and drive system can be accomplished without the chamfer. Absence of the chamfer does not create a hazard but may cause some difficulty during assembly.

The spline adapter is intended to readily slip over the spline of the pump and should bottom-out on the pump shaft. The risk of installing a spline adapter that fits too tightly onto the pump is that the adapter may not bottom against the pump and when installed on the MGB could prevent the pump from seating properly against the MGB housing.

Sikorsky will provide further guidance on removal of the nonconforming parts from the field. We will also provide an update during our next S-92 Customer Webcast Scheduled for Tuesday, October 17, 2017.

If you have any immediate questions or wish to provide additional information, please contact your Sikorsky Field Service Representative or the Customer Service Engineering Help Desk via phone at 1-800 Winged-S or via email at wcs_cust_service_eng.gr-sik@lmco.com, or (203) 416-4299.

Very truly yours,

Jennette Nadolski
S-92 Program Manager
Sikorsky, a Lockheed Martin Company