



SERVICE LETTER

HL-96.1*
DL-66.1*
EL-17.1*
FL-12.1*

DATE: 5 AUGUST 1989
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* This Letter supercedes Service Information Letters, HL-96, DL-66, EL-17 and FL-12, dated 10 July 1987.

TO: All owners and operators of McDonnell Douglas Helicopter Company (MDHC) 369 Series helicopters.

AVAILABILITY OF KAMATICS CORP. KAFLEX MAIN DRIVE SHAFT (MDHC P/N369D25515) AND TAIL ROTOR DRIVESHAFT COUPLINGS (MDHC P/N 369D5501-3).

MODELS AFFECTED: All 369 Series helicopters.

Kamatics Corp. Kaflex main drive shaft (P/N369D25515) and tail rotor drive shaft couplings (369D25501-3) are now available. The 369D25515 main drive shaft supercedes and is two-way interchangeable with 369A5510 main drive shaft. The 369D25501-3 tail rotor drive shaft coupling supercedes and is two-way interchangeable with the 369A5501 and 369H92564 tail rotor drive shaft couplings.

NOTE:

- The 369D25515 main drive shaft and 369D25501-3 tail rotor drive shaft couplings are the only parts allowed for use on 369FF series helicopters.
- Both the main drive shaft and tail rotor drive shaft couplings are currently being installed on all production aircraft at MDHC.
- Kamatics and Bendix couplings can be intermixed on the same tail rotor drive shaft as long as a fail-safe device is used with the Bendix coupling.

Converting to the Kamatics main drive shafts and tail rotor drive shaft couplings offer several advantages. As a 'condition' item, there is no service life limit. The Kaflex system provides a built-in fail-safe design which eliminates the requirement of installing the fail-safe device used with Bendix couplings. The open truss design allows ease of inspection without disassembly.

The 369D25515 main drive shaft can be purchased from MDHC for \$5908.16 and the 369D25501-3 tail rotor drive shaft coupling for \$3152.28 (list price) U.S. funds through December 31, 1989.

The applicable HMI's have been revised to show any differences in installation and inspection procedures.

Cary Brown, Manager
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