



SL369H-142  
SL369E-073  
SL500N-021

SL369D-121  
SL369F-066  
SL600N-019

# SERVICE LETTER

DATE: 22 DECEMBER 2010  
PAGE 1 OF 2

## KAMATICS SHAFT AND COUPLING OVERHAUL/EXCHANGE PROGRAM ANNOUNCEMENT

**MODELS AFFECTED:** MD Helicopters, Inc. (MDHI) all Model 369H, Model 369HE, Model 369HM, Model 369HS, Model 369D, Model 369E, Model 369FF, Model 500N and Model 600N Helicopters and all spares inventory.

MDHI, in cooperation with Kamatics Corporation (Kamatics), has determined that all dash numbers of the 369D25515 and 500N5215 interconnect shafts and 369D25501 tail rotor driveshaft couplings should be returned for scheduled disassembly and overhaul, since only exterior inspections are authorized by the MDHI Helicopter Maintenance Instructions (HMI) and Kamatics. The new overhaul program is being implemented because the parts are key components of the aircraft drive train with no life limits and, for continued safety, should be fully inspected at regular intervals. There have been no reports of any issues with hardware in the field or instances of the existing inspections being inadequate.

Because there are numerous shafts and couplings that have been in operation for longer than the intended overhaul period and the existing components have not been tracked, they will be returned based on the component serial number that was assigned by Kamatics at the time of manufacture. A Service Bulletin with details of the interconnect shafts and tail rotor driveshaft couplings tracking requirements and time of compliance will be issued in the near future.

To be eligible for the program, the interconnect shafts and tail rotor driveshaft couplings must be serviceable before return to MDHI for overhaul/exchange. Any shaft or coupling removed for "After Main Rotor Drive System Sudden Stoppage - Level 2, conditional inspection requirements" (ref. CSP-H-4, 05-50-00, Table 1, or CSP-HMI-2, 05-50-00, Table 1) is not eligible for overhaul or exchange.

Overhaul pricing through 2011 will be \$11,458 for shafts and \$7,225 couplings.  
Overhaul pricing through 2012 will be \$11,920 for shafts and \$7,515 couplings.

Once the components are returned to MDHI for overhaul/exchange, this program establishes an inspection and overhaul cycle for the interconnect shafts and tail rotor driveshaft couplings.

Details of the overhaul time of compliance requirements will be released concurrent with this Service Letter in these maintenance manuals:

CSP-H-4, Periodic Inspections, Overhaul and Retirement Schedule and Weight and Balance Procedure (Basic HMI Appendix B)

CSP-HMI-2, Basic Handbook of Maintenance Instructions - Servicing and Maintenance

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SL600N-019



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PAGE 2 OF 2

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