

T-2100 Instructions for Continued Airworthiness

Revision: A

Issued: 03/02/2017

Subject:	Instructions for Continued Airworthiness
Part Numbers:	E369D25501-9, Coupling, Tail Rotor Driveshaft
Installation(s):	MD Helicopter Inc. Models 369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, 600N
Revision History:	IR – Dated 4/8/2016 Initial Release. A – Dated 1/27/2017 Corrected overhaul interval to ten (10) years after installation. Corrected typographical errors.
Reason:	To specify the instructions for continued airworthiness for Tail Rotor Driveshaft Coupling.
Description:	<p>This document defines the inspection and maintenance requirements, recurring overhaul interval and overhaul instructions for EXTEX PMA replacement Coupling P/N E369D25501-9. The Extex E369D25501-9 Tail Rotor Driveshaft Coupling is interchangeable with MDHC 369D25501-9 Tail Rotor Driveshaft Coupling. The shaft should be removed from the rotorcraft and overhauled at the interval specified.</p> <p>To be eligible for overhaul/exchange the Coupling must be serviceable before return to EXTEX. Any Coupling removed after Main Rotor Drive System Sudden Stoppage – Level 2, conditional inspection requirements (Ref. MDHC CSP-HMI-2, 05-50-00, Table 1) is not eligible for overhaul or exchange. Only exterior inspections are authorized by EXTEX and the MDHC Helicopter Maintenance Instructions (HMI)</p>
Applicability:	EXTEX PMA replacement Coupling P/N E369D25501-9 when installed on MD Helicopter Inc. Models 369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, 600N
Overhaul Schedule:	<p>The EXTEX Coupling, Tail Rotor Driveshaft has the same overhaul interval as the MDHI Coupling, Tail Rotor Driveshaft and is to be overhauled at ten (10) year intervals from the documented date of installation.</p> <p>Example: For Couplings with an initial installation date of 1/29/2016, the initial overhaul must be accomplished no later than 1/29/2026.</p> <p>Subsequent overhauls are ten (10) years after the installation date following the most recent overhaul.</p> <p>Example: If the Coupling was overhauled on 1/29/2026 and installed on 1/29/2027, the next overhaul must be accomplished no later than 1/29/2037.</p>

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Accomplishment Instructions:

1. Inspection and Maintenance
 - a. All maintenance and repair on the EXTEX E369D25501-9 Coupling shall be accomplished per the approved MDHC procedures for the MDHC 369D25501-9 Coupling, Tail Rotor Driveshaft.
2. Overhaul Interval
 - a. Install the EXTEX E369D25501-9 Coupling per the approved MDHC procedures for the MDHC 369D25501-9 Coupling, Tail Rotor Driveshaft.
 - b. Record the Coupling, Tail Rotor Driveshaft part number, serial number(s), and installation date in the Rotorcraft Log Book or on component card.
 - c. Update the Rotorcraft Log Book or component card with the next scheduled overhaul for each installed component as ten (10) years from the installation date.
 - d. Contact Extex to schedule an overhaul/exchange of the PMA Couplings at the or before the overhaul date.

Approval:

This document is FAA approved (reference letter 140L-17-50 dated 2/16/2017)

Notes:

Definitions:

MDHC – MD Helicopter Company.

OE – Original Equipment. Refers to original equipment as provided by MDHC

Please contact your EXTEX customer service representative with any questions.