

T-2000 Instructions for Continued Airworthiness

Revision: A

Issued: 03/02/2017

Subject:	Instructions for Continued Airworthiness
Part Numbers:	E500N5215, Shaft, Interconnect
Installation(s):	MD Helicopter Inc. Models 369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, 600N
Revision History:	IR – Dated 1/29/2016 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 of the main transmission shaft.
Description:	<p>This document defines the inspection and maintenance requirements, recurring overhaul interval and overhaul instructions for EXTEX PMA replacement Shaft P/N E500N5215. The Extex E500N5215 Shaft, Interconnect is interchangeable with MDHC 500N5215 Shaft, Interconnect. The Shaft should be removed from the rotorcraft and overhauled at the interval specified.</p> <p>To be eligible for overhaul/exchange the Shaft must be serviceable before return to EXTEX. Any Shaft 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 Shaft P/N E500N5215 when installed on MD Helicopter Inc. Models 369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, 600N
Overhaul Schedule:	<p>The EXTEX Shaft, Interconnect has the same overhaul interval as the MDHI Shaft, Interconnect and is to be overhauled at ten (10) year intervals from the documented date of installation.</p> <p>Example: For Shafts 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 Shaft 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 E500N5215 shaft, interconnect shall be accomplished per the approved MDHC procedures for the MDHC 500N5215 Shaft, Interconnect.
2. Overhaul Interval
 - b. Install the EXTEX E500N5215 Shaft, Interconnect per the approved MDHC procedures for the MDHC 500N5215 Shaft, Interconnect.
 - c. Record the Shaft, Interconnect part number, serial number(s), and installation date in the Rotorcraft Log Book or on component card.
 - d. 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.
 - e. Contact EXTEX to schedule an overhaul/exchange of the PMA drive shaft at 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.