

T-701 Inspection Limits and Repair

Subject:	This Inspection and Repair of EXTEX Engineered Products Replacement Bearing for Bell Helicopter 206 and 407 Models acts to identify P/N TAI-6040-036-101 (Bearing, Ball, Annular) as a “Critical” part.
EXTEX Part Numbers:	TAI-6040-036-101
Installation(s):	Bell Helicopter Models 206, 206A, 206A-1, 206B, 206B-1, 206L, 206L-1, 206L-3, 206L-4, 407
Revision History:	IR – Dated 10/11/13 Initial Release. A – Dated 2-12-16 Updated form TIMKEN to EXTEX Engineered Products.
Reason:	To provide Supplemental Instructions for Continued Airworthiness (ICA).
Description:	This document provides the owner/operator with inspection and repair procedures for the Annular Ball Bearing. Any time the bearing is removed for engine overhaul or replacement, it can be inspected to EXTEX or TCH criteria. The inspection results determine if the component is serviceable in its current condition, if the component is repairable per this instruction or if the component should be replaced.
Applicability:	Bell Helicopter Models 206, 206A, 206A-1, 206B, 206B-1, 206L, 206L-1, 206L-3, 206L-4, 407
Accomplishment Instructions:	<ol style="list-style-type: none"> 1. Refer to TCH’s published data for instructions for Rotor Mast Transmission disassembly, cleaning, inspection, rework, assembly, operation, and testing. 2. All work must be performed at an FAA approved repair facility. 3. You may use the TCH ICA for the equivalent TCH part to inspect, repair, and overhaul the Timken Bearing(s).
Approval:	This document is FAA approved.
Notes:	Please contact your EXTEX Engineered Products representative with any questions.

As part of the FAA approval process, EXTEX demonstrated that the TCH’s Instructions for Continued Airworthiness (ICA) is applicable to this replacement bearing.

Per FAA Order 8110.42C and 14 CFR 29.602, this bearing is classified as a **“Critical”** part when installed in the Rotor Mast Assembly of a rotorcraft.

The Type Certificate Holder, or “TCH” is commonly known as the Original Equipment Manufacturer (OEM).