LORD Elastomeric Tail Rotor Trunnion
For Bell 206 Helicopters

As proven by the hundreds of Bell 206 helicopters already equipped with this STC, the LORD tail rotor trunnion is engineered for Bell 206 to reduce maintenance time and keep aircraft in the air longer.

- a single elastomeric tail rotor bearing
- two brackets used to position and secure the tail rotor bearing in the tail rotor hub assembly
- a modification plate
- an optional tuning weight for the tail skid to assist in the dynamic balancing of the tail rotor hub and blade assembly
- a decal
- attaching hardware

These kit items are illustrated in Figure A. The optional installation of the tuning weight is detailed in Figure B.

Due to self-centering of the elastomeric bearing in the hub, installation is relatively quick and easy with no effect upon the static balancing procedures currently used. After the elastomeric tail rotor bearing has been installed in the tail rotor hub and blade assembly, installation on the aircraft remains the same. Dynamic balancing is accomplished with the same balancing equipment and procedures as currently used.

Features & Benefits

**Durable** – Eliminates lubrication at 50 hours or after exposure to rain and snow; Eliminates grease from blades and blade feathering bearings, prolonging bearing life and improving aesthetics

**Lower Direct Operating Costs** – Delivers 2500 hours between maintenance, keeping your Bell 206 in the air an average of three times longer between tail rotor trunnion maintenance; Requires fewer parts to stock; Reduces assembly/disassembly time at overhaul

**Efficient** – Self-centering of the elastomeric bearing in the hub eliminates the need for trunnion centering and time spent replacing worn trunnion bearing races and needle bearings from trunnion caps

**Lower Maintenance Costs** – Reduces unscheduled maintenance actions by removing the problems associated with the loss of preload on the trunnion; Reduces vibration levels and out-of balance conditions

**Long Life** – 2500-hour pro-rated warranty; Extends bearing life with elastomeric

**Improves Operator Safety** – Reduces pilot fatigue through reduced vibration levels
LORD provides valuable expertise in adhesives and coatings, vibration and motion control, and magnetically responsive technologies. Our people work in collaboration with our customers to help them increase the value of their products. Innovative and responsive in an ever-changing marketplace, we are focused on providing solutions for our customers worldwide . . . Ask Us How.

LORD Kit Replaces:
Bell 206-011-812-005
Trunnion Assembly
- Caps
- Shims
- Bearings
- Seals
- Plugs
- Races
- Trunnion

“Ask Us How” is a trademark of LORD Corporation or one of its subsidiaries.

LORD provides valuable expertise in adhesives and coatings, vibration and motion control, and magnetically responsive technologies. Our people work in collaboration with our customers to help them increase the value of their products. Innovative and responsive in an ever-changing marketplace, we are focused on providing solutions for our customers worldwide . . . Ask Us How.

LORD Corporation
Attn: Repair Station
2455 Robison Road West
Erie, PA 16509-4675
U.S.A

Customer Support Center
+1 877 ASK LORD (275 5673)

www.lord.com

©2016 LORD Corporation Printed in USA KP 4/13-1M PB6026 (Rev.3 10/16)