

Date: August 30, 2018

**TO ALL OWNERS OF ROTORWAY HELICOPTERS
ADVISORY BULLETIN A-48**

History: The elastomeric bearings are made of thin layers of rubber and metal sandwiched together. Many factors determine how long these bearings will last, such as age, hours used, climate, etc. As the bearings deteriorate and the rubber loses its elasticity, the controls will lose smoothness, require more pressure to move, and may not completely return to their original position.

RotorWay owners with helicopters or kits kept in storage should be aware that the elastomeric bearings could begin to degrade unless stored properly.

Action: We recommend that you keep your elastomeric bearings in storage as much as possible until nearing the completion of your helicopter kit, or when storing the helicopter for extended periods of time. Follow these specific storage instructions for maximum shelf life:

- A. Avoid direct contact with ultraviolet light.
- B. Vacuum seal in a closed bag.
- C. Store at a temperature below 32 degrees F (or 0 degrees C).
- D. Defrost in the sealed bag at room temperature before installation.

When stored in the ideal conditions mentioned above, the elastomeric bearings should last 8 years.

When installed on an aircraft, the recommended change out time is 3 years or on condition, whichever comes first. The bearings must be kept dry and free from grease, oil and solvents. Inspect for signs of any delamination, separation or degradation at 100 hour inspection intervals, as outlined in the Maintenance Manual.

If any question exists as to the condition of the bearings, contact the factory.