

## **R44 Series and R66 SAFETY ALERT**

Issued: 23 December 2020

### **HYDRAULIC CONTROLS PRE-TAKEOFF CHECK**

RHC has received a report of hydraulic controls becoming stiff in flight. One of the three hydraulic servos was found to have excessive internal wear. It should be possible to detect this condition during a pre-takeoff check.

In addition to the Normal Procedures hydraulic system check described on page 4-8 of the Pilot's Operating Handbook, perform the following:

With helicopter at governed flight RPM and collective full down, position cyclic approximately 1 inch aft of neutral. Move cyclic rapidly forward approximately 2 inches, then rapidly aft approximately 2 inches. There should be no feel of resistance (no feeling similar to hydraulics off).

If resistance is felt, do not fly. Have maintenance personnel contact RHC technical support.