



A Textron Company

## **OPERATION SAFETY NOTICE**

**407-21-24**  
6 October 2021

**TO: All owners and operators of Model 407 Helicopters**

**SUBJECT: PILOT CYCLIC CONTROL STICK BALANCE VERIFICATION**

This Operation Safety Notice (OSN) is to remind owner/operators of the analog 407, 407GX, and 407GXP variants of the model 407 that do not have the Automatic Flight Control System (AFCS) kits (407-706-061 or 407-706-067) installed, of the existing requirement in the BHT-407-MM Maintenance Manual (MM) to perform a pilot cyclic control stick balance verification at each removal/installation of the dual control copilot cyclic control stick. Bell has included some clarification to the procedures in the MM as to what pilot cyclic control stick balance is.

Balance of the pilot cyclic control stick is achieved when the pilot cyclic control stick is moved from the central position (cyclic centering caution warning light, or Crew Alerting System (CAS) message, OFF) in any direction and will remain stationary, when released at any position. Adjustment of the cyclic longitudinal or lateral spring length, minimum cyclic friction, or replacement of the longitudinal or lateral springs may be required to ensure the pilot cyclic control stick remains stationary when released at any position

Additionally, this is to inform that for 407GX, 407GXP, and 407GX<sub>i</sub> variants of the model 407 with the AFCS kits (407-706-061 or 407-706-067) installed, that a change to the removal/installation procedures of the dual control cyclic control stick will be incorporated to the 407 maintenance Manual via the release of the Alert Service Bulletin 407-21-126.

For any questions regarding this letter, please contact:

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