



A Textron Company

INFORMATION LETTER

429-24-24
29 August 2024

TO: All owners and operators of Model 429 helicopters

SUBJECT: IMPROVED AIR DATA/ATTITUDE AND HEADING REFERENCE SYSTEM (ADAHRS).

Bell has recently certified the 429-075-123-107 (Honeywell part number 065-00188-5505) ADAHRS unit. This latest version incorporates the following improvements:

- Latest generation Micro-Electromechanical Systems (MEMS) gyros to reduce the susceptibility of the unit to spurious internal vibration sources.
- Improved air data sensors for better accuracy at low airspeeds and long-term stability.
- Improved air data input ports for reduced installation stress and better durability.
- Line Replacement Unit (LRU) software change to align with new sensors.

The 429-075-123-107 ADAHRS is a direct replacement part for the 429-075-123-105 unit that does not require additional re-work of the airframe. The Illustrated Parts Breakdown manual has been revised to include this new part number.

Bell currently has stock for reconditioned 429-075-123-105 ADAHRS units on hand and will continue to provide these in exchange of core returns until stocks are depleted. Unserviceable ADAHRS units sent to Bell Customer Property Return (CPR) will in turn be repaired and converted into 429-075-123-107 units. Owners and operators may also opt to upgrade their serviceable units by returning them through Bell Customer Property Return (CPR) in accordance with [IL GEN-21-149](#).

Contact your Spares or Warranty administrator or Bell CPR for pricing and availability.

For any questions regarding this letter, please contact:

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