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IMMEDIATE RELEASE

Moog Inc. Achieves FAA Certification for First Retrofit IFR Approved 4-Axis Black Hawk Autopilot

Boosting Black Hawk IFR Operations and Automation Capability

Mineral Wells, TX – Moog Inc. (NYSE: MOG.A and MOG.B), a worldwide designer, manufacturer and systems integrator of high-performance precision motion and fluid controls and control systems today announced it has received a Supplemental Type Certification (STC) from the FAA for its fully coupled GRC™ 4000 four-axis rotorcraft autopilot for the UH-60 A and A+ Black Hawk helicopters. Fully integrated into the Black Hawk Genesys Avionics Suite™, the GRC 4000 has been added to the existing Moog Avionics STC that is approved for IFR operations — delivering advanced automation that dramatically reduces pilot workload in IMC and low altitude operations. This is a significant milestone within a broader Black Hawk roadmap that includes expanding into the 'L' (Lima) and S-70i models near term.

Optimized For IFR Performance

The GRC 4000 ensures stability and autopilot engagement from startup through shutdown, maintaining precise control across all phases of flight and environmental conditions. Whether maneuvering in low visibility or executing complex instrument approaches, the system's autopilot and flight management system provide full 4-axis flight control and precision navigation significantly enhancing safety in IFR missions.

True Automation For Mission Focus

A single-button engagement transitions the UH-60 into automatic flight, fully coupling with the flight management system for automated hover-to-hover flight operations. By handling complex control tasks automatically, the GRC 4000 frees pilots to concentrate on mission-critical responsibilities during troop and logistics delivery, search and rescue, firefighting, policing, or other special mission operations.

Loss Of Control Prevention

The Moog Black Hawk IFR avionics STC with the GRC-4000 autopilot provides a Tier 3 solution for Rotorcraft Loss of Control in accordance with the FAA Special Airworthiness Information Bulletin (SAIB) 2026-05. This is the FAA's highest level of recommended safety equipment to prevent accidents caused by Inadvertent IMC and loss of aircraft control.

Key Features Include:

- 4-axis capability enabling precise automated flight and hover-hold operations
- Automatic recovery to level attitude across airspeeds
- Continuous stability augmentation in every phase of flight



Figure 1 - UH-60 Black Hawk



Figure 2 – GRC 4000 Autopilot

- Lightweight and cost-effective upgrade
- Retrofittable on existing legacy Black Hawk fleets

Matt McCall, Director of Business Development at Moog Avionics, stated: "The GRC 4000 is the first retrofit 4-axis autopilot to be FAA certified on a Black Hawk. Moog is proud to bring a new level of automation and safety to this amazing aircraft, allowing pilots to focus on what truly matters — the mission."

With its lightweight, cost-effective, retrofittable design and sophisticated automation, the GRC 4000 represents the next step in rotorcraft avionics, bringing IFR-certified precision and pilot workload reduction to Black Hawk missions worldwide.

About Moog Inc.

Moog is a worldwide designer, manufacturer, and systems integrator of high-performance precision motion and fluid controls and control systems. Moog's high-performance systems control military and commercial aircraft, satellites, and space vehicles, launch vehicles, defense systems, missiles, automated industrial machinery, marine, and medical equipment. Additional information can be found at www.moog.com.

Media Contacts:

Matt McCall | Moog Avionics
Business Development Director
(716) 260-6042
mmccall@moog.com

Edward Popek | Moog Avionics
Sr. Marketing Manager
(940) 327-9035
epopek@moog.com

Investor Inquiries:

Aaron Astrachan | Moog
Director, Investor Relations
+1 (716) 687-4225
investorrelations@moog.com

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