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IMMEDIATE RELEASE

Moog Completes Lynden Air Cargo Hercules Avionics Upgrade CDR

Moog integrates C-130/L-382G platforms with modern systems enabling mission needs

Mineral Wells, TX – Moog Inc. (MOG.A and MOG.B), a worldwide designer, manufacturer and systems integrator of high-performance precision motion and fluid controls and control systems, announced today that Moog Avionics' has successfully completed the Critical Design Review (CDR) for Lynden Air Cargo's Avionics Modernization Program (AMP) for the Lockheed Martin C-130/L-382G Hercules. The CDR validates the final design and clears the program to proceed to aircraft installation and first flight in 2026.

This modernization equips the Hercules with Moog's Genesys Avionics Suite™, delivering:

- **Increased mission capabilities and redundancy** for improved persistent operations in austere and contested environments including HARP/CARP, synthetic vision, TCAS-II traffic, and ADS-B / FIS-B weather overlays.
- **Reduced obsolescence and sustainment costs** through modern, supportable electronics improving reliability and extending fleet life.
- **Modernized operational and tactical capabilities** enabled by integrated navigation, communications, and flight-management systems.
- **Reduced pilot workload and fatigue** enabled by modern digital autopilot and full engine indicating and crew alerting system integration.
- **Clear pathway** to military adoption of the Moog Avionics AMP.

The modernization program applied to the civilian L-Series Hercules platform is also suitable for the military C-130 Hercules platform.

Moog's avionics solution integrates proven, mission-critical components: IDU-680 EFIS smart displays (PFD/MFD), a multi-engine transport compatible Automatic Flight Control System (AFCS), and Moog GDR™ Nav/Comm radios supporting both VHF and UHF military/civil bands — all packaged for field retrofit.

“Completing CDR with the Lynden team is a decisive step in modernizing this proven airframe,” said Nick Bogner, Director Business Development, Moog Avionics. “The upgrade brings in-service Hercules aircraft up to



modern standards, improves mission effectiveness, and extends operational life for current and future missions.”

“Reaching the Critical Design Review milestone is an important achievement. The Genesys Avionics Suite marks a major advancement for our fleet, providing state-of-the-art capabilities critical to operating safely and effectively in the diverse and demanding environments we serve” said Scott Hicks, President Lynden Air Cargo.

About the Genesys Avionics Suite™

The Genesys Avionics Suite™ provides increased operational effectiveness through a complete, comprehensive, and affordable cockpit system upgrade. The Genesys Avionics Suite™ includes the following system components:

- EFIS glass cockpit: configurable primary and multi-function displays
- Flight Management System (FMS) with advanced navigation
- Synthetic Vision System (SVS) and Highway-In-The-Sky (HITS) symbology
- Terrain Awareness & Warning System (TAWS)
- IFR-approved autopilot / AFCS tuned for large transports
- Radio suite: VHF & UHF Nav/Comm supporting military bands
- Full sensor suite required for IFR and tactical operations

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) 805-2409 | mmccall@moog.com

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

Investor Relations:

Aaron Astrachan | +1 (716) 687-4225 | investorrelations@moog.com

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