WE'RE ENGINEERING A BETTER TOMORROW

C-130 AIRCREW AND MAINTENANCE TRAINING
SAFEGUARDING AIRCRAFT AIRWORTHINESS

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C-130 AIRCREW AND MAINTENANCE TRAINING

For customers seeking organic training capability, Lockheed Martin offers a full range of tested and proven training devices and state-of-the-art courseware that provide a variety of training solutions for legacy C-130 and C-130J operators. Training options are based on the size of the aircraft fleet and desired capabilities with a range of solutions from part-task trainers to full turnkey solutions.

Lockheed Martin’s experienced training system management team is ready to address all operator requirements. Together with our industry partners, the team offers the single most experienced source for combined C-130 training and training equipment needs. Proven and streamlined management processes result in efficient and effective training.

These processes, combined with existing training products, significantly reduce delivery risk. The management approach emphasizes customer and industrial participation in key product areas to ensure deliveries meet user preferences and national interests. Each C-130 operator helps determine the best fit of in-country training resources, training products and services for maximum affordability.

WEAPON SYSTEM TRAINER (WST)

The WST is a full-motion pilot training device that supports initial and recurring qualification, aircrew coordination, and follow-on mission training. The level of fidelity supports FAA 14 CFR Part 60 requirements for Level D. It is NVG compatible and is network capable for operators looking for advanced distributed mission training.

VIRTUAL FLIGHT DECK

MULTI-FUNCTION TRAINING AID (MFTA)

The MFTA is a low-cost pilot procedures trainer that supports cockpit familiarization, ground and in-flight checklists, a range of normal and emergency procedures, and aircrew coordination. It is easily adaptable to include single or multi-channel visual system cueing, Head-Up Display and a mix of flat-panel and tactile panels in accordance with customer desires. The level of fidelity is commensurate with FAA Level 4 standards.

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LOADMASTER FUSELAGE TRAINER (LFT)

This device can be manufactured or aircraft-based and can be configured to support a variety of loadmaster, aircraft servicing and maintenance training requirements depending on customer preferences.

ENHANCED INTEGRATED COCKPIT SYSTEMS TRAINER (EICST)

The EICST is a multi-role trainer that combines the capabilities of an aircrew cockpit procedures trainer with an integrated cockpit systems maintenance trainer to provide two trainers in one. Aircrew members practice ground and airborne normal and emergency procedures. Maintenance technicians can practice and learn avionics troubleshooting and diagnostics functions using the Data Transfer and Diagnostics System (DTADS), Ground Based Data System (GBDS), and Operational Maintenance Program (OMP).

OTHER C-130J AIRCREW AND MAINTENANCE TRAINING CONTENT

Additional existing C-130J training products includes:
- Computer Aided Instruction (CAI)
- Computer Based Training (CBT)
- Instructor Guides/Student Guides (IG/SG)
- Simulator/Trainer Exercises (SimEx)
- Communication, Navigation and Identification-Management Unit (CNI-MU) Emulator
- Multi-Function Color Display (MFCD) Emulator
- Training Management System (TMS)
- Cockpit Procedures Trainer (CPT)
- Avionics Systems Management Trainer (ASMT)
- Loadmaster Part-Task Trainer (LMPPT)
- Engine and Propeller Trainer (EPT)
- Flight Controls Trainer (FCT)

HERCULES TRAINING CENTER (HTC)

Located at the Lockheed Martin manufacturing facility in Marietta, Georgia, the HTC is a single source for military C-130J and commercial LM-100J training, including initial qualification, refresher, and mission training. The HTC contains the necessary infrastructure, operations and customer services to enable students to focus fully on their training curriculum.

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