C-130J
Configurable Aircraft Trainer (JCAT)

The high-fidelity C-130J CAT leverages Lockheed Martin's exclusive access to the C-130J's flight and system models to consistently deliver the most accurate representation of the aircraft available. Its modular, portable design allows rapid fielding to customer sites to enhance and expand local training capacity and throughput.

Why JCAT?

1. **CAPABLE:** Using the same Virtual Simulator (VSIM) and Instructor Operation Station (IOS) that power the C-130J Full Flight Simulator, JCAT delivers maximum capability in a compact package.
2. **SCALABLE:** The configurable JCAT can be scaled to meet customer budget cycles and mission sets – from crew familiarization to advanced mission rehearsal.
3. **SUSTAINABLE:** With a common software baseline across the entire C-130J fleet, JCAT simplifies sustainment and supports rapid synchronization with aircraft upgrades.

Configure a solution to fit any training need:			
Cockpit Panels	Full Tactile	Tactile/Virtual	Full Virtual
Control Loading	Back Driven/Linked	Spring Loaded	Static
Visual	Static Bowl/AR/MR	Flat Panels	AR/MR
Crew Seats	New Aircraft	Refurbished	Commercial Seat

Advanced Features for Enhanced Training

Cockpit Geometry:
Accurate replica of C-130J

Rehosted Mission Computer:
Independent of LM-CORE™

Rehosted CNI-SP:
Eliminates DMS parts, reduces noise

Reconfigurable:
Multiple C-130 models, Block versions

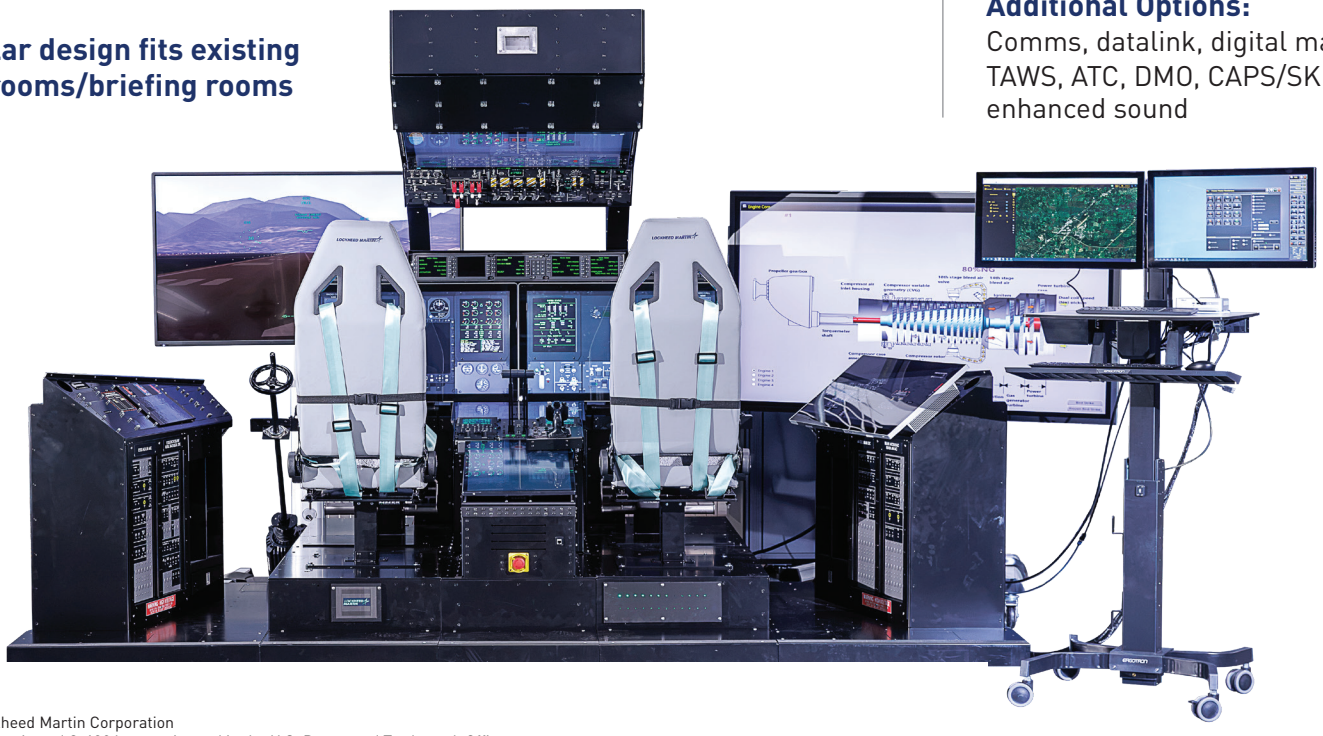
System Models:
Common across C-130J product line
- FAA Level-D Flight Model
- More than 1,100 malfunctions

Synthetic Training Environment:
NGTS, MACE, TEn, others

Visual Systems:
Scalable to customer requirements

Additional Options:
Comms, datalink, digital map, TAWS, ATC, DMO, CAPS/SKE, enhanced sound

Modular design fits existing classrooms/briefing rooms



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