



HC Controls currently has a C-130H Mobile Engine Test System (METS) available to purchase from stock.

## OVERVIEW

The METS consists of four main modules

- 1) Control Cabin
- 2) Test Stand
- 3) Fuel System
- 4) Air Start System

## C-130 QECU/ENGINE COMPATIBILITY

The demountable and transportable METS is compatible with and able to fully test the T56-A-15 engine and the Quick Engine Change Unit (QECU) functions.

As an option the METS can be adapted to include the P-3 Orion (T56-A-14) QECU test capability.

## CONTROL CABIN

The acoustic control cabin has been specifically designed to provide a greatly enhanced operating environment for the users over the traditional small cabin. The control cabin contains a modern control console and a separate desk. The new cabin is 7.5M long, 3.5M wide and 3.5M high.

## FUEL SYSTEM

The METS is supplied with a 5000 litre double skinned fuel tank and fuel pump assembly.

Fuel flow is measured by a Coriolis meter, providing direct accurate measurement of the mass flow rate.

**In Stock**



## INSTRUMENTATION AND CONTROL

The METS has been upgraded to include an Electronic Instrument Display System (EIDS) to condition the QEC fitted transmitter signals.

A Data Acquisition System has been installed, providing modern, accurate, repeatable engine testing. A PLC provides reliable and safe operation of the engine and facility.

Proven application test data reduction software provides fully prompted operator testing of the engine, combining automatic data averaging, ISA corrections, performance calculations, limit checking and engine test report generation.

## ENGINE AND FACILITY CONTROL

A state of the engine and facility control system incorporates an LED display control panel. The engine and facility are control via the graphical user interface, which communicates with the PLC.

A software controlled throttle system enables the operator to easily select programmable throttle positions, moving to the desired position at user selectable rates. This system provides extremely repeatable and safe engine testing.

## CONTACT

For more information, pricing and delivery contact HC Controls, Inc. at:

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