



Photo Courtesy of Department of Defense



H364 Series Torque Calibrator

Howell's H364 Torque Calibrator provides a closed-loop system that dynamically tests the torque indicator on the H-53E Series helicopter.

The H364 Torque Calibrator:

- Enables users to input engine-specific phase angle table and torque shaft values into the unit software program for quick and easy operation on the flight line
- Contains embedded software that allows simple 0% and 100% phase simulation
- Sets up in two minutes
- Features an environmentally sealed deck to prolong the life of the unit
- Comes in a ruggedized, deployable MIL-STD-108 case with power cable storage in the lid
- Requires little training for the person using or maintaining the equipment



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PORTABLE ENGINE TEST SETS & TRIMMERS

Specifications

Dimensions

15 inches H x 15 inches W x 15 inches D

Power

115 VAC, 50 to 400 Hz

Weight

20 lbs

Outputs

Two signals

- A reference frequency of 15 KHz
- A 15 KHz frequency with the desired phase shift as listed in AH153CE-220-200 W/P 009, Table 1.

Each signal conforms to a waveform amplitude of 1.5 ± 0.1 V peak-to-peak at a frequency of 15 KHz to ± 6 Hz.

Both signals are isolated from ground and from each other.

Accuracy

+10 to +40 °C:

± 0.25 degrees of display

-40 to +10 °C and +40 to +55 °C:

± 0.4 degrees of display

Limits

Operating Range

-40 to +55 °C, with accuracy as stated above

Storage

-55 to +85 °C

