

## Press Release

For Immediate Release:

### **New Test System for Helicopter Maintenance and Repair For High Voltage Electrical Test of Panels and Subassemblies**

**Kansas City, MO (February, 1996)**—DIT-MCO International has unveiled a new integrated test system tailored to the needs of companies involved in the repair and maintenance of helicopters. This new test system verifies the electrical integrity of cable assemblies and wiring found in relay panels, control panels, junction boxes, electrical chassis, and a number of other electrical and electronic subsystems. Even those that contain components. By confirming that the cable assemblies and wiring are defect-free, these interconnect verification testers help reduce future costs and frequency of repairs and maintenance. They assure the prevention of field failures of helicopters improving their reliability and overall safety.

“DIT-MCO’s helicopter tester addresses the interconnect problems of a helicopter’s electrical systems,” said Karl Sweers, Technical Marketing Manager for DIT-MCO International. “To my knowledge, you can’t purchase a system that does all this at this price. The total test system approach offers a key advantage to its users. Test programs and adapter cables in addition to the tester allow users to start testing right away. ”

#### **The Model R2175 Helicopter Tester’s Capabilities**

The Model 2175 offers benchtop interconnect verification testing in a compact, shock-resistant enclosure. Field-ready, it is thermostatically controlled and watertight. It measures voltage, resistance, and capacitance while comparing these measured values to programmable limits. It also detects momentary dielectric breakdowns and conducts 4-wire Kelvin measurements.

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Teamed with options such as remote continuity probe, bar code reader, external energization, and programmable power supply, the 2175 is a flexible test system that easily adapts to changing test requirements.

For government procurement, the NSN 2175 SBC-0500-1001 tests up to 500 points. It runs off an aircraft's 115 VAC, 400 Hz power source and converts the power so you can plug in its notebook computer. In addition to the PC-based circuit analyzer with its mil-spec interface connectors, test programs and adapter cables make the 2175 a complete test set for helicopters. DIT-MCO has been delivering high voltage cable harness test systems to the aerospace industry for over 40 years.

Helicopter applications include circuit analyzers for the:

- Cobra (AH-1F)
- Osprey (V-22)
- Apache (AH-64)
- Blackhawk (UH60)