

MSI-150x "Sky-Weigh"

Aircraft load monitoring system

Measurement Systems International (MSI) designs and manufactures a respected line of electronic weighing and load indicating instruments for aviation and industrial markets.

MSI maintains a commitment to quality and customer service. Our simple philosophy consists of specializing in what we know best and performing better than anyone else in our field. It has distinguished us as a leader in the weighing and force measurement industry.

Best known in the aviation industry for our helicopter cargo hook load monitoring systems, MSI has become recognized as the primary and often the only source for these type systems. Our systems have been installed on helicopters throughout the world in a variety of military and commercial applications. With system offerings for over twenty models of aircraft, MSI's selection is by far the most comprehensive. And best of all, our systems are totally electronic for obtaining the best accuracy and reliability under the most extreme conditions.

At MSI quality is an absolute commitment by both management and personnel that is consistent through every tier of our organization. Ask our toughest commercial critics: Bell, Boeing, Eurocopter, McDonnell Douglas, Sikorsky, and Westland. Or, our toughest military critics: U.S. Air Force, Army & Navy, Royal Air Force, Royal Australian Air Force and the Canadian Forces. Our association with the world's airframe manufacturers and military forces have demanded the highest level quality assurance program consistent to MIL-45208, MIL-Q-9858 and FAA standards.

In addition to our standard products, MSI maintains full design and development capabilities for special project requirements. Projects such as monitoring tow line tension on the MH-53E minesweeper, or indicating cargo hook loads on the V-22, CH-47D and SA-70A, were all projects within the scope of MSI's total design, qualification and manufacture capability. We continue to explore for new opportunities which allow us the ability to apply our existing and emerging technologies toward solving application problems.

Our technical staff is comprised of men and women with experience in electronic, mechanical, software and manufacturing engineering. All designs are created using the latest CAD technology, thus increasing design accuracy and decreasing development time.



Helicopter cargo hook scales improve safety and productivity of field and air crews.

Our manufacturing facilities include the most advanced CNC machining centers along with full sheet metal fabrication and finishing capabilities. Manufacturing's CAM system is fully integrated with engineering's CAD, thus eliminating error from design to machining and allowing more precise control of scheduling.

MSI maintains a worldwide network of factory-trained representatives dedicated to sales and service of our products. Whether it be prompt order delivery, same-day repair or immediate access to technical support, our final goal is complete customer satisfaction at any cost. We welcome your interest in exploring the vast capabilities of MSI and allowing us the opportunity to fulfill your product or project requirements.

Please call 800-874-4320 (U.S. and Canada only) or 206-433-0199 for additional product information.



Cargo hook scales consist of a load-sensing device and an instrument-panel meter.

