

Weighing Solutions for the Aviation Industry

Market Solutions



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VPG
ONBOARD
WEIGHING

We Know Aircraft Weighing

Revere and Evergreen Weigh are the two best known brands in the industry.

Since 1941, we have been designing and building high-performance aircraft weighing systems backed by repair and calibration for customers worldwide. During this time, we have acquired the knowledge and experience to continually improve the features, functions and performance of our aircraft weighing systems. We also know the importance of excellent customer service and support for the aircraft weighing systems we manufacture and the customers who use them.

Revere JetWeigh™ with G4 Instrument

JetWeigh-5™ Jack Point Aircraft Weighing System

The JetWeigh-5 System integrates high-accuracy hermetically sealed load cells with the advanced state-of-the-art G4 digital weighing processor, resulting in an accurate, highly reliable, robust, and easy-to-use system for weighing aircraft.

Features

- Capacity range: 15,000 to 600,000 lbs
- Synchronized sampling of all weight channels results in accurate measurement, minimizing the effects of vibration, oscillation, and wind
- User-friendly, color graphic display with touch screen
- Robust and reliable operation
- Accuracy of $\pm 0.1\%$ of applied load, or $\pm 0.02\%$ of channel capacity, whichever is greater
- Center of gravity calculation function
- G-factor compensation between calibration and operation locations enables accurate and simple operation
- Library of up to 200 aircraft types and characteristics
- Aircraft weights are stored in history file for future comparison and data validation
- Hermetically sealed, compact stainless steel load cells



Additional Services and Products—Calibration and Repair Service

Our state-of-the-art calibration and service centers in California and Sweden, are staffed with trained technicians who have experience on all generations of JetWeigh and Road Runner aircraft kits. A stock of spare parts enables fast calibration and repairs. We offer Fast Track calibration and repair to support AOG or other quick-turn situations.

Evergreen Weigh Road Runner™ Systems with EW9150 Indicator

Road Runner Weighing Systems are ideal for weighing aircraft or helicopters to verify CG or after retrofitting new equipment. The EW9150 Indicator is offered with both the Jack Point System and the Platform Wheel Weigher System. Color-coded cables and indicator connectors make it quick and easy to set up a system in a matter of minutes and eliminate errors. The easy-to-use full-function EW9150 digital indicator provides both individual wheel weight and total aircraft weight.

Primary System Features

- Accuracy of $\pm 0.1\%$ of applied load or $\pm 0.02\%$ of channel capacity, whichever is greater
- 1 to 5 channels of input for weighments
- Operates on 90–240VAC, 50/60 Hz.
- RS-232 for PC data storage or printer
- Graphic color TFT display with LED backlight



Jack Point Aircraft Weighing System

The Road Runner Jack Point Weighing System uses precision load cells that fit on top of existing aircraft jacks. This system provides easy operation and accurate weighments.

Specific System Features

- 10,500 to 400,000 lbs capacity
- Stainless-steel, hermetically sealed load cells
- Operating temperature range +14°F to +120°F (-10°C to 50°C)
- Roll-around storage and transportation case



Three- or Four-Platform Wheel Weigher System

The Road Runner Wheel Weigher System provides fast, accurate weight readings for a variety of light to medium applications. Each system is designed for easy transportation. The platforms are cast aluminum with non-slip surface combined with stainless-steel, hermetically sealed, precision load cells designed to achieve accurate weighments.

Specific System Features

- 7,500 to 75,000 lbs capacity
- Cast aluminum platforms, interlocking ramps, and wheel chocks
- Stainless-steel, hermetically sealed load cells
- Operating temperature range +14°F to +120°F (-10°C to 50°C)



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