



VISHAY
PRECISION
GROUP



Market Solutions

Weighing Solutions for the Aviation Industry

Revere • Evergreen Weigh

Brands of VPG On-Board Weighing



Revere
Transducers



www.weighingonboard.com

Introduction

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

JetWeigh Aircraft Weighing Systems

Jack Point Aircraft Weighing System

- 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



Jack Point Wireless Aircraft Weighing System

- Wireless operation: easy installation, operation and maintenance
- Capacity range: 15,000 to 600,000 lbs
- Synchronized sampling of all weight channels result in accurate measurement, minimizing the vibration, oscillation and wind effects
- Robust and reliable operation
- Operation range: more than 220 ft (70 m)
- Accuracy of $\pm 0.1\%$ of applied load, or $\pm 0.02\%$ of channel capacity, whichever is greater
- User-friendly hand-held PC user terminal interface
- Library of up to 200 aircraft types and characteristics
- Hermetically sealed, compact stainless steel load cells



Road Runner Aircraft Weighing Systems

The Road Runner Three- or Four-Platform Wheel Weigher

Road Runner Three- and Four-Platform Wheel Weigher Systems are ideal for weighing light aircraft or helicopters to verify CG or after retrofitting new equipment. The easy-to-use full function indicator provides both individual wheel weight and total aircraft weight. Color-coded cables and indicator connectors make it quick and easy to set up the system and eliminate errors. The platforms are cast aluminum with non-slip surface combined with stainless-steel, hermetically sealed, precision load cells designed to achieve accurate weighments.

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 and quick setup in a matter of minutes. Using the digital indicator, the operator can display the weight of each pad individually or the sum of any combination of pads. Options for the system include an external printer.

- 7,500 to 60,000 lbs capacity
- Accuracy of $\pm 0.1\%$ of applied load or $\pm 0.02\%$ of channel capacity, whichever is greater
- 1 to 4 channels of input for weighments
- Operates on 10 to 32 Volts dc or 115 / 230 Volts ac
- RS-232 for PC data storage
- Cast aluminum platforms, interlocking ramps, and wheel chocks
- Stainless-steel, hermetically sealed load cells
- Operating temperature range $+14^{\circ}\text{F}$ to $+120^{\circ}\text{F}$



The Road Runner Jack Point

Road Runner Jack Point Weigher Systems are ideal for weighing light aircraft or helicopters to verify CG or after retrofitting new equipment. The easy-to-use full function indicator provides both individual wheel weight and total aircraft weight. The Road Runner Jack Point weighing system uses precision load cells that fit on top of existing aircraft jacks. The entire system is color-coded for easy setup and use. This system provides easy operation and accurate weighments.

- 15,000 to 400,000 lbs capacity
- Accuracy of $\pm 0.1\%$ of applied load or $\pm 0.02\%$ of channel capacity, whichever is greater
- 1 to 4 channels of input for weighments
- Operates on 10 to 32 Volts dc or 115 / 230 Volts ac
- RS-232 for PC data storage
- Stainless-steel, hermetically sealed load cells
- Operating temperature range $+14^{\circ}\text{F}$ to $+120^{\circ}\text{F}$
- Roll-around storage and transportation case



Additional Services and Products

Calibration and Repair Service

Our state-of-the-art calibration and service center in City of Industry, California, is 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.

The Americas

- United States** **Vishay Precision Group – SI Onboard**
Post Office Box 1484 • Cumberland, MD 21501-1484
Ph: +1-301-722-6000 • Fax: +1-301-722-7346
E-mail: obw.usa@vishaypg.com
- Canada** **Vishay Precision Group – SI Onboard**
#106-1765 Springfield Road • Kelowna, BC V1Y 5V5
Ph: +1-800-989-1499 (toll free) • +1-250-860-8450 • Fax: +1-250-762-9811
E-mail: obw.can@vishaypg.com

Asia

- Taiwan, R.O.C.** **Vishay Precision Group – Weighing Systems***
8F-1, 171, Section 2, Datong Road • Sijhih City, Taipei 22183
Ph: +886-2-8692-6888 • Fax: +886-2-8692-6818
E-mail: obw.roc@vishaypg.com
*Asia except China
- P.R. China** **Vishay Precision Group – Weighing Systems**
A8220, Shanghai Jia Hua Business Center
No. 808 Hong Qiao Road • Shanghai 200030
Ph: +86-21-6448-6090 ext. 6098 • Fax: +86-21-6448-6070
E-mail: obw.prc@vishaypg.com
- Israel** **Vishay Precision Group – Weighing Systems**
2 HaOfan Street • Holon 58814
Ph: +972-3-557-0888 • Fax: +972-3-556-8116
E-mail: obw.il@vishaypg.com

Europe

- United Kingdom** **Vishay Precision Group – PM Onboard**
Airedale House • Canal Road • Bradford BD2 1AG
Ph: +44-1274-771177 • Fax: +44-1274-781178
E-mail: obw.uk@vishaypg.com
- France** **Vishay Precision Group – PME France**
10 Rue de Gally • 78450 Chavenay
Ph: +33-1-30-79-97-00 • Fax: +33-1-30-79-97-05
E-mail: obw.fr@vishaypg.com
- Netherlands** **Vishay Precision Group – Waste Collection Systems B.V.**
P.O. Box 1612 • NL-4700 BP Roosendaal
Ph: +31-165-561-000 • Fax: +31-165-538-139
E-mail: obw.nl@vishaypg.com
- Belgium** **Vishay Precision Group – WCS Belgium N.V.**
Turnhoutsebaan 1/001 • B-2470 Retie
Ph: +32-14-88-27-60 • Fax: +32-14-882-765
E-mail: obw.be@vishaypg.com