

Application Note

ACII™ Series Scales

eVTOL Aircraft Weighing Solutions

Aircraft weights have a dramatic effect on lift, propulsion, control (pitch, roll, yaw) and battery longevity. Weigh and balance procedures are a critical part of any electric vertical take-off and landing aircraft (eVTOL) development program. About one-third of gross weight consists of just



The ACII™ Series Scales are low-cost and reliable for weighing light eVTOL aircraft

The ACII™ Series Scales are designed to accurately measure light weight electric vertical take-off and landing aircraft (eVTOL).



Deploying ramps, scales, and overrun spacers takes mere minutes with ACII™ aircraft scales.

the airframe. As the eVTOL industry emerges, aircraft scales will be a necessity. Intercomp is proud to be the weighing solution for two of the top eVTOL companies in the industry. Each eVTOL aircraft is unique, therefore the weighing needs may differ from company to company. Two of Intercomp's eVTOL customers required real-time weight measurement, as well to integrate that data with the vertiports used. Intercomp's [ACII Scales and Ramps](#) have remedied these challenges.

Intercomp's [ACII™ Series Scales](#) feature fully integrated RFX™ Wireless Weighing Technology. Combining the ACII Series Scales and RFX Wireless Handheld Indicator creates accurate and repeatable weighing results.

The eVTOL companies chose Intercomp due to its brand reputation. Intercomp is known for providing accurate, mobile, and easy to use weighing systems. Intercomp's Director of Weight and Balance Training, Patrick McIntyre, consulted with each eVTOL company and demonstrated the seamless connection between AWBS software and Intercomp scales. Intercomp is proud to be a one-stop shop for the vast weight needs of the eVTOL industry.

Intercomp®
advanced weighing technology . . . by any measure

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