

Notes

from the Training Desk

“Crucial training on the equipment and safety procedures will reduce the disadvantages and maximize the advantages of either method.”

*-Patrick McIntyre,
Director of Weight & Balance Training*

**REQUEST A QUOTE FOR
WEIGHT & BALANCE TRAINING**



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Equipment for Weighing Methods

There are two methods that are used weighing most aircraft, top of jack load cells and platform scales. Each method offers both positive and negative characteristics. To determine what is best for one's organization, let's look at each method to see what fits the needs.

[Top of jack load cells](#) (which also includes axle jacks):



These kits are smaller and lighter for transport, and occupy less space for storage. Since most aircraft jack points are known locations on your aircraft, one knows the exact reaction point measurements without having to drop plumb bobs and measure. Digital load cells allow for calibration to be 'stored' on the load cell, allowing hot swapping of cells or radios if using wireless communication. The disadvantages would include a greater possibility of side loads once your aircraft is jacked. In addition, there have been instances of aircraft falling off jacks during incidents of not following safety procedures.

Roll-on [platform scales](#):



These scales offer “drive-up” convenience with no jacking required – this is a tremendous asset with large aircraft. They also offer a reduced chance of side loading a scale by stopping the aircraft movement with tug brakes vs. the aircraft brakes. Fully electronic, low-profile scales mitigate these forces, while saving time through rapid deployment, lack of positional sensitivity, and repeatable results. The disadvantages would include possibly having to measure the reaction points with plumb bobs, and one requires storage space for these scales which are larger/heavier when compared to top of jack kits.

Intercomp provides fully electronic equipment for either of these weighing methods. Crucial training on the equipment and safety procedures will reduce the disadvantages and maximize the advantages of either method.

[Find more information on Certified Weight & Balance Training](#)

[Find more information on Aircraft Scales & Load Cells](#)

Intercomp offers both Military and Civilian focused training for military staff, engineers, contractors, and FAA A&P licensed civilians. Courses are led by instructors benefitting from three decades of weighing experience in both military and commercial venues. Leveraging a background of weighing hundreds of aircraft, classroom attendees have access to a knowledge base in equipment and operations that is unmatched within the industry in quality, depth, and experience.