

## JW™ Digital Output Load Cell

At the heart of the Jack Weigh Kit is Intercomp's technologically advanced digital output load cell. The JW DOLC's have revolutionized the weighing of aircraft. With DOLC's, the analog to digital conversion is performed at the cell itself. This means each cell is its own independently operating scale.

Any JW DOLC can be plugged into any channel on the Central Processing Unit - there are no precalibrated or color coded channels. And, if a cell or cable is damaged, simply replace the unit with an off-the-shelf spare. All Intercomp CPU's, cables and load cells are completely interchangeable. There's no need to return the entire kit to the manufacturer for



repair or recalibration. This feature sharply reduces repair and shipping costs, yet ensures you will seldom be without your Jack Weigh Kit.

Our advanced digital output signal is so powerful that it eliminates EMI/RFI, but yet maximizes linearity to provide full range accuracy of  $\pm 0.1\%$ . This field proven technology



increases repeatability and virtually eliminates side loading.

Low profile design further ensures each load cell will fit nearly any jack to jack point envelope. Intercomp JW load cells are available in the following capacities: 5,000, 10,000, 25,000, 50,000 and 100,000 lbs. or metric equivalents. (Higher capacities available).

## AC100™ Central Processing Unit

The AC100 CPU is designed to give you the most sought after functions and features, yet remain user friendly at all times. This compact central processing unit will display up to 32 load

cells on an easy to read *jumbo* sized 4 line x 20 character alphanumeric LCD screen. No toggle switches or tuning knobs are needed. Just plug in the JW cells and turn on the AC100.

Within seconds, all cells and total weight are displayed.

All other functions are controlled by the push of a button. Easy to follow menus direct the user through center of gravity computation, memory storage, latitude correction, motion detection, aircraft identification, gross, net, tare, group readings, selectable or full c.g. printout and more.

This CPU operates on all power sources. The unit is designed to meet the EMI-RFI requirements of MIL-SPEC 461 and is fully weatherproof. Calibration is performed through the keypad to ensure ease of use.

