



Jackson Aircraft Weighing Service  
Is pleased to provide a quote for:  
15K, 25K or 50K with digital indicator  
aircraft weighing system \$5,995.00



**15K, 25K or 50K-load cell kit complete with digital indicator, we have two programs:  
Box set above, cells connect to the indicator control box as shown.**



**Case set, cables from the case connect to the load cells. Both sets feature the  
M2000 digital system high-speed three-channel indicator.**

### **Cell Specifications:**

Rated capacity: 5,000, 10,000, 15,000, 25,000 up to 50,000lbs. Per cell, calibrated to customer specifications.  
Accuracy: 1/10<sup>th</sup> of 1% full span or better (factory calibration) ¼ of 1% in the field or better.  
Stainless steel NTEP certified load cells.  
One inch mounting on standard aircraft jacks.



## **M2000 Features:**

Units conversion: lbs/kg  
Resolution: +/- 520000 A/D internal counts  
Sampling rate: 100 times a second per channel  
Span stability: 2ppm/deg C  
Zero Stability: 5nV/deg C  
Linearity correction: 10 span entries  
Calibration Method: calibration through software stored in flash memory  
Calibration Sealing: physical seal or Class1 Audit Trail system, password protected  
Tare: Keyboard and scale tare, multiple tare id's can be stored in memory  
Time and Date: Y2K compliant time/date clock, internal battery backup  
Power On: selectable on/off switch

## **Communications:**

Analog Output: optional 4-20mA board via Smart Wire  
Serial Output: 2 full duplex RS232/RS422 ports  
IO Interface: peripheral expansion through Smart Wire multi drop RS485 port  
External IO: up to 6 channel setpoint via Smart Wire  
Baud Rate: 150-32,400 bps, selectable

## **Display:**

Size: 6 digit, 7 segment 1" red LED  
Filtering: Fast Step quick response algorithm adjustable filter  
Modes: display from CH1, CH2, CH3, Scan, and total of all channels.

## **Electrical:**

Power Requirements: 110VAC 12VDC 1A  
Temperature Range: -10deg C to + 40deg C  
Setpoints: 6 programmable setpoints per channel  
Sense Amplifier: differential amplifier with 4 and 6 wire  
RFI Protection: filtered signal, excitation and sense lines

## **Approvals:**

Canada: Class III/IIHD 10000  
USA: NTEP Class III/IIII 10000  
OIML: Pending  
NIST traceable certification to calibration master.

Two-year warranty on all load cells, digital indicator and power supply, calibration on sale.

Larry Jackson,  
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