



Jackson Aircraft Weighing Service
Is pleased to provide a quote for:
10-pad low profile wheel weighing
system



40,000 lb low profile pad
with digital indication

Pad Specifications:

With more concentrated loading points, we have greatly improved the accuracy of this weighpad.

Machined from lightweight, high strength aluminum.

Rated capacity: 20,000 30,000 up to 40,000lbs. Per platform, calibrated to customer specifications.

Accuracy: $\frac{1}{4}$ of 1 % or better

Live weighing length is 28 $\frac{3}{8}$ inches; live weighing width is 16 $\frac{5}{8}$ inches. Pad is less than 1 inch thick.

Unit average weight is 60lbs per pad.



Western digital indication

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 ids' 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, NIST traceable certification to calibration master



Digital indicator(s) one M2000 for each two platforms.

Pad end ramps included.

Each platform is capable of 40,000 lbs. for a total four-wheel set of 160,000 lbs.

Due to the height of the platforms only small ramps are required and are included.

Axle spacers are not required, simply roll the aircraft wheels over the platforms.

Axle spacer inserts are not required, however solid aluminum billet cut sheets can be added for additional cost.

Tire stops are not required, as the height of the platforms is only .750. Normal chocks may be used if needed.

Power cables of 100ft for each indicator box combination.

Due to the size of the system, each platform may be placed on top of the other for storage. A cart can be supplied (at additional cost) to meet transportation needs within the hanger.

Warranty is one-year parts and labor.

Due to the easy use of digital indication no training is necessary, simply locate the platforms, follow the directions, locate the aircraft and read the weights directly off of the indicators.

There are no software applications available for the specific aircraft. This scale can be use for a number of aircraft using the aircraft manufactures recommended procedure and formulas.

Support will be directly from West Palm Beach for warranty and questions. E-mail, Web site, FAX and telephone support is available.

Unit price is \$89,750.00 USD plus freight

FOB is West Palm Beach; freight charges will be assessed from that point to the final destination.

Purchase requires a 25% down payment with the order and is subject to a 10% of purchase price return fee for calibration and restock. Final payment of 75% is due 10 days prior to shipment. Bank letter of credit(s) is required on purchases of more than \$15,000.00. EFT (electronic funds transfer) payment terms.

Units are in process at this time and can be reserved.

Systems require 10 to 14 weeks build time, each scale is built to the customer specifications and calibrated to the footprint of the aircraft's tire.

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