

# Airplane Jacking System

## Load Cell and WTS Wireless Telemetry System

Industry: Aerospace

### Summary

#### Customer Challenge

A customer wants to weigh their aircrafts with their jacking system. They need a wireless solution, and they want results to show up in real-time.

#### Interface Solution

Interface's WTS 1200 Standard Precision LowProfile™ Wireless Load Cells can be installed at each jacking point. When connected to the WTS Wireless Telemetry System, results of all jacking points or individual jacking points can be wirelessly transmitted and displayed through a customer computer with Log 100 software, or using the WTS-BS-1-Wireless Handheld Display for Unlimited Transmitters.

#### Results

Interface's load cells and WTS Wireless Telemetry System successfully achieved the customer's need to weigh their aircrafts.

### Materials

- Multiple WTS 1200 Standard Precision LowProfile™ Wireless Load Cells with integrated wireless acquisition module
- WTS-BS-6 Wireless Telemetry Dongle Base Station
- WTS-BS-1-Wireless Handheld Display for Unlimited Transmitters
- Supplied Log100 Software
- Customer PC or Laptop

### How It Works

1. Multiple WTS 1200 Standard Precision LowProfile™ Wireless Load Cells are installed to each of the jacking points along the aircraft.
2. When connected to the integrated Wireless Strain Bridge Transmitter Module, force results of all jacking points or individual jacking points can be wirelessly transmitted to the WTS-BS-6 Wireless Telemetry Dongle Base Station and displayed on the customer's PC. Colored alarms can be set in case there is force overload.
3. Results can also be transmitted to WTS-BS-1-Wireless Handheld Display for Unlimited Transmitters.

