

Aircraft Engine Hoist Load Shackle

Industry: Aerospace

Summary

Customer Challenge

An aerospace company wants to test their aircraft engine hoist in order to safely lift, remove, or install engines efficiently and safely.

Interface Solution

Interface's solution is to install WTSSHK-B-HL Wireless Bow Shackles to the aircraft engine hoist. A heavy load will be added to the hooks where the aircraft engine would be. Results from the heavy load will be sent wirelessly to both the WTS-BS-4 USB Industrial Base Station attached to the customer's computer or laptop, and the WTS-1-HS Handheld display for single transmitters.

Results

The customer was assured that the aircraft engine hoist was strong and secure enough to lift a heavy engine when installing or removing an engine inside of an aircraft.

Materials

- Two WTSSHK-B-HL Wireless Bow Shackles
- WTS-BS-4 USB Industrial Base Station
- WTS-BS-1-HS Handheld Display for Single Transmitters
- Customer PC or Laptop

How It Works

1. Two WTSSHK-B-HL Wireless Bow Shackles are installed onto the aircraft engine hoist.
2. A heavy load is attached to the hooks of the hoist and slings.
3. The WTSSHK-B-HL Wireless Bow Shackles measure the forces of the heavy load, and transmit the data wirelessly to the customer's computer or laptop through the WTS-BS-4 USB Industrial Base Station. The customer can also view results wirelessly when the data is sent to the WTS-BS-1-HS Handheld Display for single transmitters.

