



Calibration Test Unit



Pallet Lock Assembly

Part Number	Description
8676M3	Calibration Test Unit
3338700-5	Pallet Lock Assembly - Left Side
3338700-6	Pallet Lock Assembly - Right Side
8709	Lock Box Trainer

Please contact us for pricing and availability:  
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## C-130J Pallet Lock Calibration Test Unit

The aircraft manufacturer requires the C-130J Pallet Lock Assemblies (PLA) to be periodically inspected/tested to ensure reliable operation. CEF Industries, the Pallet Lock Assembly manufacturer offers a test unit that enables on-site inspection.

### ► OEM Calibration Test Unit

- Cost Effective with internal calibration capability
- Reduces aircraft maintenance down time
- On-site Pallet Lock Box Calibration

The Calibration Test Unit (CTU) is used to apply loads to the Pallet locking mechanism for both mechanical and electrical system calibration. The CTU provides the following:

- Measures the applied force of the pallet lock assembly and ensures the mechanical release is within the tolerance range.
- Applies load to the PLA and holds the applied load while the aircraft's computer reads and records the mechanical load cell's output voltage associated with the applied load.
- As the load is applied by the CTU the aircraft's computer records the values and compares the applied value and computer indicated value to measure the calibration accuracy.

The CTU mounts to each Pallet Lock Assembly along the rail system and is used to test the left and right side Pallet Lock Assemblies. A surge protected power cord is provided and interfaces with aircraft power. The CTU and power cord are provided with a protective shipping and storage container.



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