

# 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 PLA manufacturer, offers a test unit that enables on-site inspection.

**CAGE CODE: 00268**



**CALIBRATION TEST UNIT**

**PALLET LOCK ASSEMBLY**

PART NUMBER	DESCRIPTION	NSN NUMBER
3338720-1	D&L SENSING ASSY	5340-01-475-6512
3338720-2	D & L SENSING ASSY	5340-01-475-6509
3338902-1	CONVEYOR,ROLLER,GRAVITY	3910-01-475-6510
3338911-1	CONVEYOR,ROLLER,GRAVITY	3910-01-475-6500
3338916-1	CONVEYOR ASSY,ROLLER,GRAVITY	3910-01-475-6511
3338917-1	CONVEYOR,ROLLER,GRAVITY	3910-01-475-6465
3338784-3	TOWPLATE ASSY.	1670-01-535-0798
3338701-1	HOUSING ASSY	N/A
3338701-2	HOUSING ASSY	N/A
3338720-5	LOAD SENSING ASSY	5340-01-475-6509
3338956-1	BUSHING	N/A
3338700-5	LOCK ASSY., PALLET, LEFT SIDE	1670-01-483-3135
3338700-6	LOCK ASSY., PALLET, RIGHT SIDE	1670-01-483-3166
3338863-1	ELECT.LOCK ASSY RESTRAINT	5340-01-475-6521
3338863-2	LOCK ASSY RESTRAINT,ELECTROMAGNETIC	5340-01-475-6516
8709	LOCKBOX TRAINER	N/A
8676M3	CALIBRATION TEST UNIT	1730-01-509-1589

## 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:

- Measure the applied force of the PLA 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 PLA along the rail system and is used to test the left and right side PLA. 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.



**PLEASE CONTACT US FOR PRICING AND AVAILABILITY**