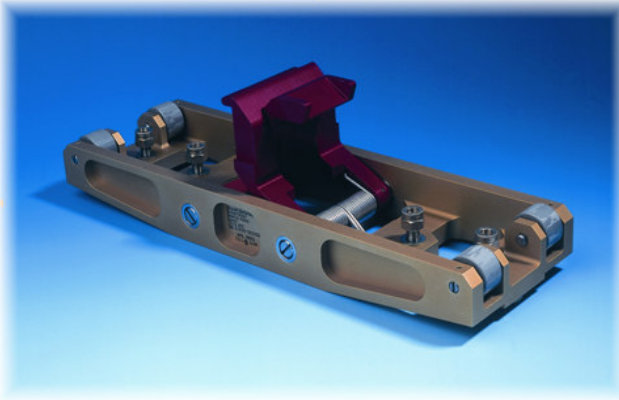


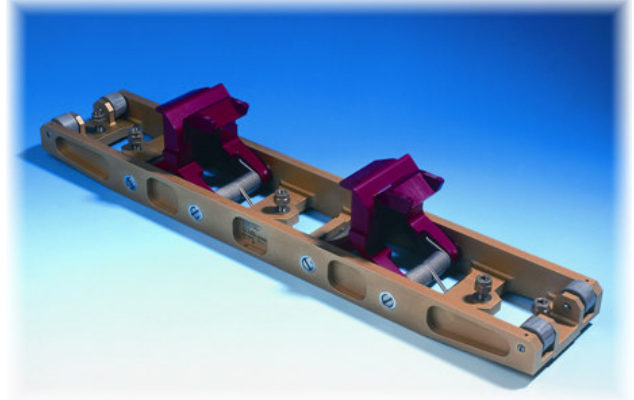
# PALLET LOCKS

## AIR CARGO PALLET LOCKS

The Airborne Systems range of Air Cargo Pallet Locks will limit the movement of aircraft air cargo pallets in either the forward, aft or the upwards direction. They are approved for use by the US Federal Aviation Administration (FAA) and the UK Civil Aviation Authority (CAA).



Single Pallet Lock



Double Pallet Lock

### KEY FEATURES

- Air Cargo Pallet Locks are available in two versions - Single Pallet and Double Pallet. Both versions incorporate double sided lock hooks
- The locks can be used in any aircraft with a bay floor track in accordance with MS 33601A for track stud fittings
- The locks will restrain an air cargo pallet having an edge profile in accordance with ULD Technical Manual Standard Specification 50/1 Attachment 'A' Figure 1
- The locks are particularly suited for locations where the assembly is fitted adjacent to a power drive unit and additional clearance is required
- When not in use, the lock hooks hinge down to allow for the free passage of cargo over the rollers
- United States Federal Aviation Administration (FAA) Supplemental Type Certificate Number: STO2143AT
- United Kingdom Civil Aviation Authority (CAA) Accessory Approval Numbers:
 

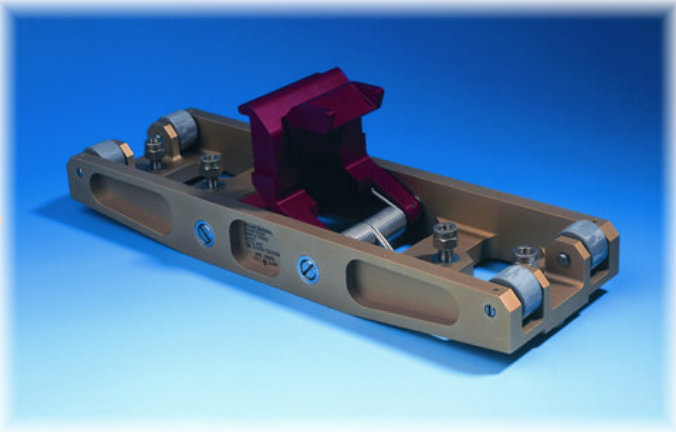
Single Pallet Lock	-	E 15671
Double Pallet Lock	-	E15689

See page 2 for Part Numbers and Technical Specifications for the Air Cargo Pallet Locks

# AIR CARGO PALLET LOCKS

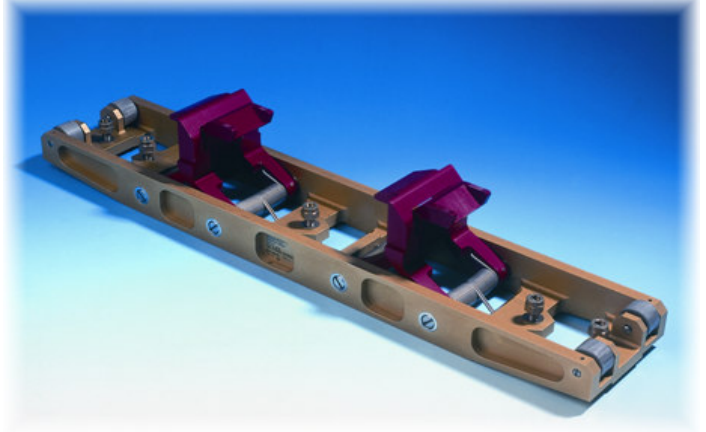
## Part Numbers

### SINGLE PALLET LOCK



Part Number	Approval	Boeing Part(s) Replaced
<b>AML 45600</b>	CAA	
<b>AML 99002</b>	FAA	65B61263 65B60400

### DOUBLE PALLET LOCK



Part Number	Approval	Boeing Part(s) Replaced
<b>AML 45602</b>	CAA	
<b>AML 99003</b>	FAA	65B61262 65B60401

## TECHNICAL SPECIFICATIONS

Type	Single Pallet Lock	Double Pallet Lock
Length	335 mm (13.2 in)	533.4 mm (21 in)
Width	101.6 mm (4 in)	101.6 mm (4 in)
Weight	1.57 kg (3.45 lb)	2.67 kg (5.87 lb)
Limit Load: Simultaneous Up Loads <i>Applied to each hook</i>	1,364 kgf (3,000 lbf)	1,364 kgf (3,000 lbf)
Limit Load: Ultimate Up Load	982 kgf (2,160 lbf)	982 kgf (2,160 lbf)
Limit Load: Longitudinal Load <i>In a single direction</i>	3,295 kgf (7,250 lbf)	3,295 kgf (7,250 lbf)
Limit Load: Ultimate Longitudinal Load	3,295 kgf (7,250 lbf)	3,295 kgf (7,250 lbf)
Working Height in Stowed Position <i>Above Seat Rail</i>	41.3 mm (1.625 in)	41.3 mm (1.625 in)
Working Height in Locked Position <i>Above Seat Rail</i>	94.4 mm (3.715 in)	94.4 mm (3.715 in)
Diameter of Rollers	24.4 mm (0.96 in)	24.4 mm (0.96 in)

Please enquire regarding specific Air Cargo Pallet Lock configurations and finishes to meet special requirements.