



## C-130 Oil Cooler Door Actuator

*The legacy Oil Cooler Door Actuators continue to be a source of problems for the US Air Force C-130 fleet. The problem stems from premature failures in legacy manufactured actuators.*

### Mean Time Between Removal (MTBR)

- ▶ The Oil Cooler Door Actuator has a high failure rate that consistently makes it one of the top C-130 failure items
- ▶ USAF findings concluded that failures were due to specific manufacturers' actuators contributing to the majority of problems including part numbers 1105123, 1105123-1, 880T100 and 880T100-3



**The Solution:** Replace the legacy actuator with the new upgraded CEF Oil Cooler Door Actuator:

CEF Part #	Lockheed Martin Part #
8656M2	695807-7

### MTBR comparison chart:

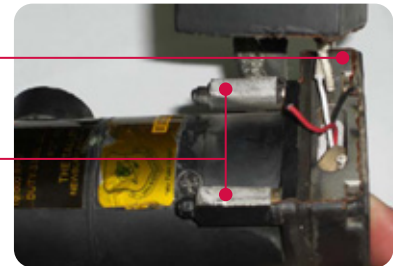
Legacy Oil Cooler Door Actuator	- 1904 hours
CEF's Oil Cooler Door Actuator	<b>+ 3309 hours</b>

- ▶ The CEF 8656M2 Oil Cooler Door Actuator is Lockheed Martin/USAF preferred on the production C-130J and all C-130's.

**Please contact us for pricing and availability:**  
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### Broken Wires

### Two Broken Welds



- ▶ The results of tear downs indicated that there were problems in the wiring, filter and connector that could be corrected by process changes in overhaul
- ▶ Currently no data on improved reliability of legacy actuators

### Problematic Parts

<b>Legacy</b>	1105123 / 1105123-1
<b>Legacy</b>	880T100 / 880T100-3
<b>Legacy</b>	L16-8-1 / L16-8-3 / L16-8-5

