



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:

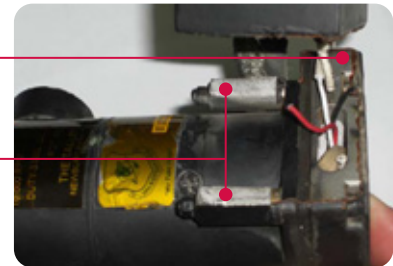
Legacy Oil Cooler Door Actuator	- 1904 hours
CEF's Oil Cooler Door Actuator	+ 3309 hours

- ▶ 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:
sales@aeroprecision.com**

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

Legacy	1105123 / 1105123-1
Legacy	880T100 / 880T100-3
Legacy	L16-8-1 / L16-8-3 / L16-8-5

