



Recommended Inspection

Failure: On a European certified L-39C were two turbo cooler destroyed by RPM over speed within 4 days.

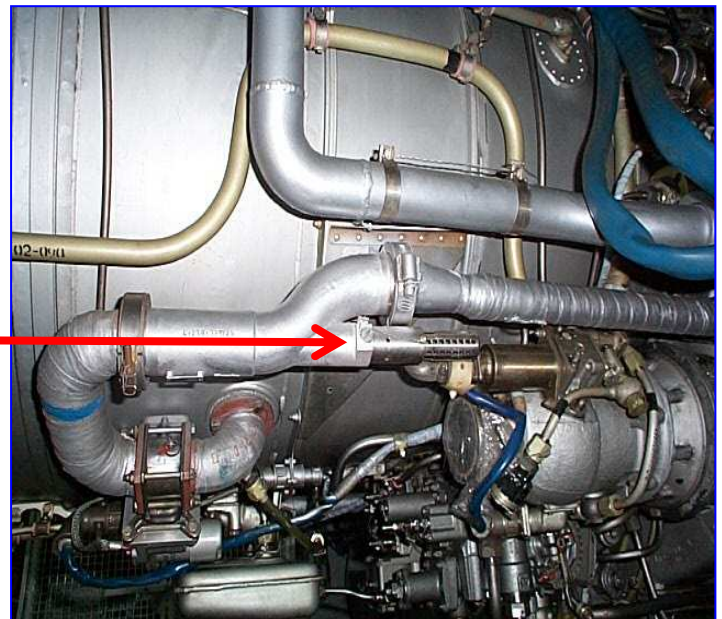
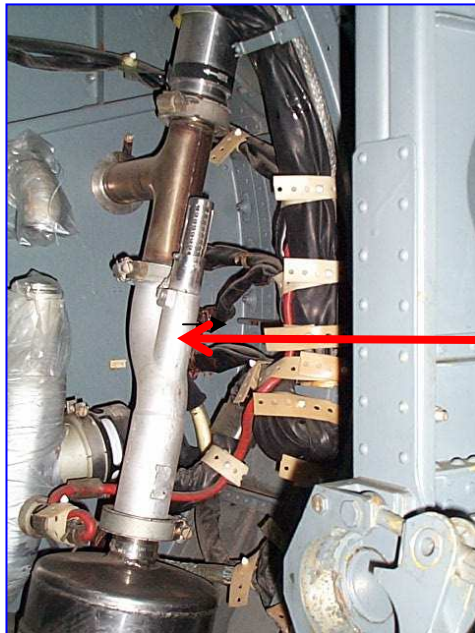
Reason: The air flow limiter was seized by corrosion/dirt and blocked in the full opened position. At engine MAX power too much pressure and air volume was delivered to the turbo cooler and exceeded the limits.

Recommendation: Inspect the condition of both limiters during the next maintenance event on your L-39. This inspection is not part of the any scheduled maintenance.

Locations:

Engine compartment R/H side
of the Fire Wall #32
(Air Conditioning)

R/H side on the engine
(De-icing air intakes and windshield)



Also check brackets for cracks!



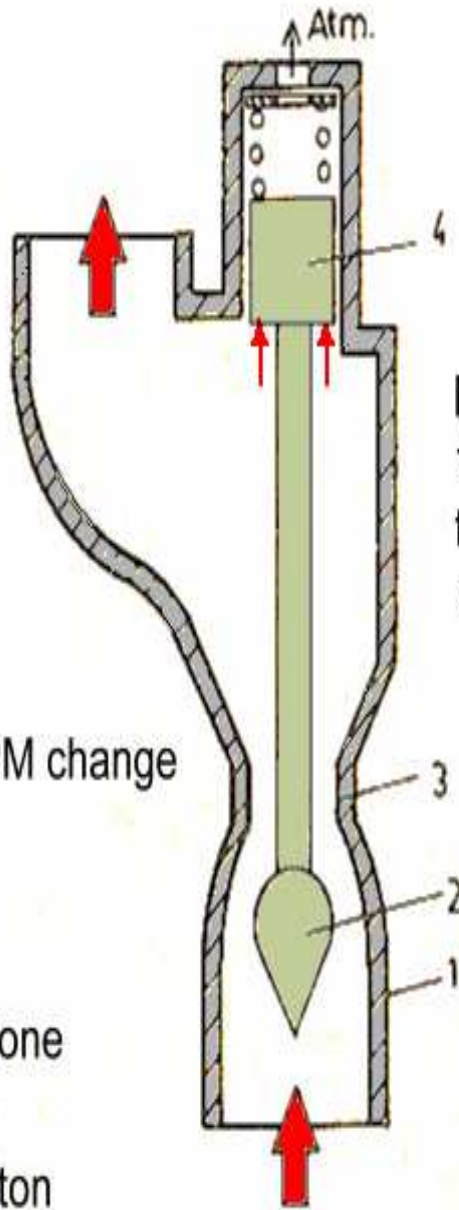


LUN 5677.02-8
for A/C system

LUN 5677.22-8
for De-icing system

Operated at Engine RPM change

- 1 Casing
- 2 Reducer Cone
- 3 Diffusor
- 4 Control piston



If $p = 5,5 \text{ Kp/cm}^2$
then piston will move
the cone and reduce
air flow to 630 Kg/h