

Cessna 170, 172, F172, FR172 and 175 Series Aeroplanes

AD/CESSNA 170/60

**Fuel Strainer Drain and Engine
Muffler Tailpipe**

9/97 DM

Applicability: All Cessna 172R model aircraft with the following S/Ns.

S/N 17280001 thru 17280016

S/N 17280018 thru 17280040

S/N 17280042 thru 17280054

S/N 17280056 thru 17280076

S/N 17280080 thru 17280081

Requirement: 1. Examine the fuel strainer assy for evidence of leaks. Inspect both the fuel strainer assembly and exhaust tailpipe for evidence of chafing with the lower engine cowling. If any evidence of chafing is found carry out Requirement 2 prior to further flight.

2. Modify lower engine cowl in accordance with Cessna SB97-28-01 dated June 06, 1997.

Note: FAA Priority Letter AD 97-12-06 dated June 8, 1997 refers.

Compliance: 1. Unless previously accomplished, comply with Requirement 1 prior to further flight and, thereafter, at each pre-flight inspection until Requirement 2 has been carried out.

2. Within 10 hours time in service from the effective date of this directive.

This airworthiness directive becomes effective on 16 July 1997.

Background: The manufacturer has reported that the fuel strainer drain may chafe against the lower engine cowling. This can cause the extension nut to the standpipe connection to fail resulting in fuel spillage. Standpipe failure could also result in a fire hazard or engine stoppage due to fuel loss.