



AIRWORTHINESS BULLETIN

Possible Blockage of the Fuel Control Unit **AWB** 73-002 **Issue :** 1
on CESSNA 172R,172S and 172T Aircraft **Date :** 21 August 2007

1. Applicability

This AWB is applicable to all CESSNA 172R, 172S, 172T model aircraft fitted with a RSA fuel injection system.

2. Purpose

The purpose of this AWB is to bring to the attention of all operators, maintainers and pilots of CESSNA 172R, S, and T aircraft, fitted with a RSA fuel injection system, that there is a possibility of blockages occurring in the fuel metering system causing rough running and possible engine stoppage.

3. Background

Recent reports have indicated that some CESSNA 172R, S and T aircraft fitted with a RSA fuel injection system have had uncontrolled engine stoppages due to blockages in the fuel metering system. This problem can be detected early if the following recommendations are carried out.

4. Recommendation

It is recommended that:

- All personnel running the engines in CESSNA 172R, S and T aircraft;
 - Perform a lean cut out check at the end of each flight or engine run.
 - ▣ Set the RPM between 575 and 625.
 - ▣ Reduce the mixture to the lean position slowly until an rpm rise is indicated; take a note of the maximum rpm increase.
 - If the rpm increase is above 60rpm then have the engine induction system inspected for discolourisation, contaminants and/or excess fuel in the inlet or venturi.
 - If excessive fuel or discolourisation is found the fuel metering system should be removed for cleaning and recalibration.
- If any of the above problems are encountered it should be reported immediately to CASA either through your local CASA district office or through the SDR system.



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5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address:

AirworthinessBulletin@casa.gov.au

Or in writing, to:

Manufacturing, Certification and
New Technologies Office,
GPO Box 2005, Canberra, ACT, 2601