

# AIRWORTHINESS BULLETIN

AWB 00-004 Issue 2 – 29 March 2017

Defect Reporting Service

## 1. Effectivity

General Information

## 2. Purpose

This updated AWB advises the aviation community about the launch of the Defect Reporting Service (DRS) replacing the previous SDR system. The new system is designed to simplify reporting, improve the user experience and make reported data more accessible for the public.

The new system can be accessed via the casa website at: <https://drs.casa.gov.au/>

## 3. Background

Aircraft operators, maintainers and manufacturers must submit a report for each malfunction, failure or defect that occurs under the relevant reportable categories.

In addition, any defect which has endangered or may endanger the safe operation of an aircraft must be reported.

## 4. System Purpose

Despite the extensive knowledge and experience of the Australian aviation industry, unexpected failures can always occur. The DRS assists to maintain the fleet by allowing users to share industry experience.

While some failures in aircraft parts are random, probability of failure can often be estimated based on previous failure data. Historical failure mode analysis can be of value in determining inspection intervals and failure modes, particularly for components maintained on condition.

CASA are aware that a proportion of defects go unreported. If you plan on using DRS data for maintenance planning, please take into account that the actual failure rate may be significantly higher than what is available via the DRS database.

An effective defect reporting system provides information which CASA can use to make sound regulatory decisions and to provide an improved advisory service to operators.

DRS is designed to align with a new defect reporting system under development by the FAA. This will allow efficient data sharing between authorities.



## 5. Changes from previous SDR system

To submit a report in DRS you will be required to create a login.

A logged in user can:

- Submit a report via the portal,
- Save a draft report to submit later, and
- Edit and resubmit a report (rather than submitting a follow up report)

The DRS system has the ability for external users to search published defect reports (all reports are de-identified before publication).

A logged in user can:

- Save a search for future reference, and
- Subscribe for email notification of any future defects which meet saved search criteria.

## 6. Enquiries

Any enquiries about the Defect Reporting Service can be made via:

[defect.reports@casa.gov.au](mailto:defect.reports@casa.gov.au)