



RAAP 2.2

Defects

Defining reporting requirements for RAAus members - Defect reporting

A Must Read

This RAAP is to be read in conjunction with RAAP 2 which gives an overview of the reporting requirements of occurrences for RAAus members.

Safety is everyone's concern and RAAus **members have obligations to report occurrences.** As part of the safety commitment for RAAus it relies on the reporting of occurrences to communicate safety related statistics and initiatives to all stakeholders of the company. Occurrences is the term that collectively describes the RAAus reporting of accidents, hazards, defects and confidential complaints.

The Occurrence Management System (OMS) is an online reporting system that allows members to submit these reports and is found on the RAAus website in various locations as orange buttons "Report an Occurrence" or using the following link <http://oms.raa.asn.au>

RAAus operates within a culture of Open and Fair Reporting and this philosophy is outlined at <https://www.raa.asn.au/safety/open-and-fair-reporting-philosophy/>

RECREATIONAL AVIATION AUSTRALIA

Report a recreational aviation related occurrence with Recreational Aviation Australia

Welcome to the Recreational Aviation Australia Occurrence Management System which enables online reporting of accidents, defects, hazards and confidential complaints. For further information on the reports please call Safety on 02 6280 4700 or email safety@raa.asn.au.

Report an accident or incident	Report a defect	Report an identified hazard	Report a confidential complaint
<p>Recreational Aviation Australia is required to meet statutory reporting requirements under the Transport Safety Investigation Act 2003.</p> <p>Reportable matters are categorised as:</p> <p>IRM: Immediately reportable matters</p> <p>RRM: Routinely reportable matters</p> <p>By submitting a report we are able to submit your information directly to the Australian Transport Safety Bureau.</p> <p>Click below to acknowledge your approval for Recreational Aviation Australia to submit the report to the Australian Transport Safety Bureau on behalf of you.</p> <p><input type="checkbox"/> I acknowledge that my accident report will be submitted to the Australian Transport Safety Bureau on my behalf in accordance with requirements under the TSI Act.</p>	<p>Defect reports are raised to identify potential technical issues found in aircraft in order to reduce the chance of recurrence.</p> <p>The defect reports are part of the statutory reporting that Recreational Aviation Australia is required to meet under the Transport Safety Investigation Act 2003.</p> <p><input type="checkbox"/> I acknowledge that my defect report will be submitted to the Australian Transport Safety Bureau on my behalf in accordance with requirements under the TSI Act.</p>	<p>Hazards can cause or contribute to unsafe operations of aircraft or aviation safety-related equipment, products and services.</p> <p>As part of organisational safety please assist members by completing this report if you have identified hazards associated with the organisation.</p> <p>Every event is an opportunity to learn valuable safety lessons.</p>	<p>Anyone can report a safety concern confidentially to Recreational Aviation Australia. Using our complaints management system we will address reportable safety concerns.</p>

Reporting To RAAus

OCCURRENCES

COMPLAINTS

HAZARDS

ACCIDENTS

DEFECTS



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Background

RAAus members are obliged to report defects in accordance with the following Manual:

- Technical Manual Issue 4 Section 13.1

This obligation is completed when a member uses the RAAus OMS - the online reporting system found at link <http://oms.raa.asn.au>.

This document provides definitions of these terms used in RAAus for reporting requirements for defects.

Defect Reports

Defects develop in aircraft and these need to be corrected to ensure continued safe operation. Repair of a defective item, even to new standards, may not prevent recurrence of the defect. Advice of defects found and action taken can assist fellow recreational pilots.

Section 13.1 of the RAAus Technical Manual Issue 4 clearly defines a defect as:

'any fault in the design, function of qualitative characteristic of an item fitted to an aircraft which differs from the specification, the drawing or recognised standard of good workmanship for the item other than that classified as fair wear and tear within manufacturer's limits'.

(RAAus Technical Manual (2016). Issue 4 Section 13.1)



When to submit a defect report

Defect reports are raised to identify potential technical issues found in aircraft in order to reduce the chance of recurrence.

When a defect is found, or where a maintenance schedule or flight manual is considered to be deficient, then a defect report is to be prepared by an owner or the maintainer of an aircraft.

RAAus members should submit a defect report any time they consider that any items fitted to, or associated with, a RAAus aircraft operation exhibits any faults as described in the defect definition.

"The exhilaration of flying is too keen, the pleasure too great, for it to be neglected as a sport"

Orville Wright

Defect Report and Airworthiness Notice Administrative Procedures

Once a defect report is submitted through the OMS the originator will be sent a confirmation of receipt advice and reference number for the originators record.

Every defect report will be reviewed by the RAAus Technical Manager and one or more of the following actions MAY be taken:

- A summary of the defect and its outcome are made available on the RAAus website via the following link <https://www.raa.asn.au/safety/accident-and-defect-summaries/>
- An Airworthiness Notice (AN) will be prepared. Samples are available on the RAAus website www.raa.asn.au under Safety – Technical – Airworthiness.
- ANs may be published in “Sport Pilot” magazine depending on the significance of the defect and copies of ANs may also be forwarded to all RAAus registered owners of the aircraft type by mail or email.
- For other than LSA aircraft, the rectification action specified in the AN is to be undertaken or arranged to be undertaken by aircraft owners within the period specified in the Notice.
- For LSA Aircraft, as no modifications can be made without Manufacturer’s approval, RAAus will issue the AN as an advisory to members, and RAAus will also alert the aircraft manufacturer about the defect found, and request they investigate.
- Aircraft/Component manufacturers may be advised of the defect or deficiency and requested to undertake rectification action and advise all known owners of the affected aircraft or component.

Definitions

Airworthiness Notices (AN) - Airworthiness Notices issued by RAAus

Defect - any fault in the design, function or qualitative characteristic of an item fitted to an aircraft which differs from the specification, the drawing or recognised standard of good workmanship for the item other than that classified as fair wear and tear within manufacturer's limits.

Safety Commitment – the safety policy developed by RAAus' for its members to improve safety across the company.

Occurrences - is the term that collectively describes the RAAus reporting of accidents, hazards, defects and confidential complaints.

Occurrence Management System (OMS) is an online reporting system found on the RAAus website for members to lodge reports to meet their reporting obligations in accordance with the regulations.

Open and fair reporting philosophy - RAAus operates an open and fair reporting culture and believe that educating our members provides better outcomes than punishing them.

BE COOL
BE SAFE

References

RAAus (2016). Accident and defect summaries. Retrieved from <https://www.raa.asn.au/safety/accident-and-defect-summaries/>

RAAus (2016). Airworthiness notices. Retrieved from <https://members.raa.asn.au/maintenance/airworthiness-notices/>

RAAus (2016). Open and Fair reporting philosophy. Retrieved from <https://www.raa.asn.au/safety/open-and-fair-reporting-philosophy/>

RAAus (2016). Occurrence Management System. Retrieved from <https://oms.raa.asn.au>

RAAus (2016). Our Safety Commitment. Retrieved from https://www.raa.asn.au/safety/our-safety-commitment_/

RAAus Technical Manual Issue 4 (2016). Section 13.1. Retrieved from <http://www.raa.asn.au>



About RAAP



RECREATIONAL AVIATION AUSTRALIA

RAAus has developed advisory publications to provide clear plain English guidance for members to conduct safe, professional and compliant operations consistent with RAAus manuals and policies.

These publications provide interpretive information for members to better understand and conduct flight or ground operations whether they fly or maintain an aircraft, or teach other members to fly or maintain an aircraft.

RAAPs DO NOT replace specific requirements contained in the Operations or Technical Manuals or Operations Bulletins, Service Bulletins or Technical Advisories that may be issued.



**THAT'S A
WRAP**

