



CANCELLED 2/03/2016

**REFER CAO 100.5 APPENDIX 1 / CLAUSE 15 FOR
OXYGEN CYLINDER CONTINUING AIRWORTHINESS
REQUIREMENTS.**

**ALL AIRWORTHINESS DIRECTIVES REFERENCED IN
GFA AD-348, REFER CASA WEBSITE**

GFA AIRWORTHINESS DIRECTIVE

TYPE AFFECTED: All gliders and powered sailplanes fitted with oxygen systems.

SUBJECT: The continued airworthiness of oxygen system components.

BACKGROUND: Many components used in glider oxygen systems are also used in general aviation oxygen systems and the CASA has from time to time issued airworthiness directives on some of this equipment. This AD forms the link between the CASA airworthiness directives and glider operators.

Issue 4 corrected an error in the alignment of this AD with other GFA publications. It also removes the CASA AD's as hard copy attachments in favour of website addresses where the latest revisions can be viewed & downloaded. Issue 5 update removed reference to airworthiness directive AD/GAS/2, AD/OXY/1, AD/OXY/2 & AD/OXY/4 due cancellation and updated the CASA links to applicable airworthiness directives listed below.

DOCUMENTATION: AD/GAS/1, AD/OXY/3, AD/OXY/5, AD/OXY/7, AD/OXY/8, AD/OXY/10, AD/OXY/11.

The latest revisions of these CASA AD's can be found at:

http://services.casa.gov.au/airworth/airwd/schedules/ad_display.asp?session=579092170&pc=PC_90834&sched=equip&toc=GAS

http://services.casa.gov.au/airworth/airwd/schedules/ad_display.asp?session=579092170&pc=PC_90834&sched=equip&toc=OXY

SIGNED:

For and on behalf of:

**THE GLIDING FEDERATION
OF AUSTRALIA**

GFA CTO

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If internet access is unavailable hard copies of the CASA AD's may be obtained on application to the GFA Airworthiness office. Other CASA airworthiness directives have been issued but are not applicable to glider oxygen systems.

- ACTION REQUIRED:**
1. Any component used in a glider or powered sailplane oxygen system and listed in the above CASA AD's must be maintained / modified in accordance with that AD.
 2. Oxygen cylinders must be inspected, tested and if necessary retired from service in accordance with CASA AD/GAS/1 (latest amendment).
 3. During each annual Form 2 Inspection all oxygen systems must be shown to comply with section 1.18 of the GFA publication: Basic Sailplane Engineering.
- WEIGHT & BALANCE:** Any changes to the weight and balance characteristics of a glider as a result of this AD must be accounted for.
- IMPLEMENTATION:** Maintenance / Modification of oxygen systems must be performed by an appropriately authorised person or organisation.
- Pressure testing of cylinders must be performed by a CASA approved person or organization.
- Annual inspection requirements may be performed by the holder of a DA 1109 glider inspector's certificate rated for annual inspections, any type.
- COMPLIANCE:** The requirements of this GFA Airworthiness Directive are mandatory. This Directive is issued pursuant to the Rules and Regulations of the Gliding Federation of Australia.