



1. Applicability

All Australian registered aircraft fitted with quick-donning oxygen masks.

2. Purpose

This Bulletin is to clarify the maintenance requirements of quick-donning oxygen masks fitted to aircraft.

3. Background

A recent investigation by the Australian Transport Safety Bureau (ATSB) identified that some quick-donning oxygen masks head harness assemblies were faulty.

The mask and head assembly in normal ready for use configuration is shown in Figure 1.



Figure 1 - Ready for Use

The fault identified by the ATSB is the elastic of the assembly was stretched to such an extent that, when released for use, did not contract to hold the mask assembly in place. Figure 2 shows the stretched band on the assembly.



Figure 2 - Stretched Band

The manufacturers of this type of equipment generally recommend that a yearly user inspection be performed and a time between overhaul of five years.

4. Recommendation

Oxygen head harness assemblies should be inspected to ensure correct functioning and repaired if required. A check of any relevant maintenance schedule should be undertaken and if these items are not included in the maintenance schedule then the maintenance schedule must be corrected to include them and any other aircraft equipment not covered by the schedule (Refer to CAR (1998) 42 - *Defective or inappropriate maintenance schedule*).

Note: AWB 02-023 provides information on CAR 41(2) maintenance of aircraft components.



Quick-Donning Oxygen Mask Maintenance **AWB** 35-002 **Issue :** 1
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