



Civil Aviation Authority

# PROPOSED AIRWORTHINESS DIRECTIVE



**Number: 1996**

Issue date: 22 April 2022

In accordance with the CAA Continuing Airworthiness Procedures, the issuance of an Airworthiness Directive (AD) is proposed which will be applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

**Type Approval Holder's Name:**

**Type/Model Designation(s):**

BAE SYSTEMS (OPERATIONS) LIMITED

BAe ATP

Effective Date:	<i>TBD upon issue of final AD</i>
TCDS:	EASA.A.192
Foreign AD (if applicable):	Not Applicable
Supersedure:	Not Applicable

## ATA 35 – Oxygen – Crew Oxygen Masks – Overhaul

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### Manufacturer(s):

British Aerospace plc, British Aerospace (Commercial Aircraft) Ltd, Jetstream Aircraft Ltd, British Aerospace Regional Aircraft, British Aerospace (Operations) Ltd and BAE Systems (Operations) Ltd

### Applicability:

BAe ATP aeroplanes, all manufacturer serial numbers (MSN)

### Definitions:

For the purposes of this AD, the following definitions apply:

**BAE:** BAE Systems (Operations) Ltd

**The SB:** SB ATP-35-004

### Reason:

BAE Systems have been made aware of a missing overhaul task for the MC10 Series Crew Oxygen Mask from the ATP Maintenance Planning Document (MPD). Specifically, there should be an Overhaul task for the oxygen mask regulator, Pressure Reducing Valve (PRV) and bottle assembly (hydrostatic test) for each type of oxygen mask, however, currently the tasks for the MC10 mask variant are not included in the MPD. This could lead to an increased risk of failure of this emergency equipment, potentially resulting in failure to provide oxygen to the pilots during an emergency situation. In order to address this potentially unsafe condition, SB ATP-35-004 has been issued to provide instructions for inspection and overhaul of MC10 oxygen masks.

**Required Action(s) and Compliance Time(s):**

Required as indicated, unless accomplished previously:

Within 12 months from the effective date of this AD, carry out the following maintenance actions in accordance with the SB;

- Overhaul of the oxygen mask regulator,
- Test and isolate faults on the inflatable harness, mask and microphone assemblies,
- Test and isolate faults on the supply hose and radio cord assembly,
- Replace parts in accordance with CMM instructions or due to condition as necessary.

**Reference Publications:**

BAE Systems (Operations) Ltd ATP Service Bulletin, SB ATP-35-004, original issue, 24 January 2022.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with this AD.

**Remarks:**

1. This PAD will be closed for consultation on 20 May 2022.
2. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the CAA aviation safety reporting system. [Occurrence reporting | Civil Aviation Authority](#). This may include reporting on the same or similar components, other than those covered by the design to which this PAD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
3. Enquiries regarding this PAD should be referred to: [Continued.Airworthiness@caa.co.uk](mailto:Continued.Airworthiness@caa.co.uk)
4. For any questions concerning the technical content of the requirements in this PAD, please contact: BAE Systems (Operations) Ltd, Customer Technical Support Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, The United Kingdom, E-mail: [raengliaison@baesystems.com](mailto:raengliaison@baesystems.com)