



Civil Aviation Authority

AIRWORTHINESS DIRECTIVE

Number: G-2022-0013

Issue date: 16 June 2022



Note: In this Airworthiness Directive, references to EU regulations are to those regulations as retained and amended in UK domestic law under the European Union (Withdrawal) Act 2018 and are referenced as "UK Regulation (EU) year/number or UK Regulation (EU) No. number/year".

This Airworthiness Directive (AD) is issued by the UK CAA in accordance with UK Regulation (EU) No. 748/2012 Part 21.A.3B, acting as the Authority of the State of Design for the affected product(s), under Article 34 of the Air Navigation Order 2016 (ANO) and UK Regulation (EU) 2018/1139.

In accordance with UK Regulation (EU) No. 1321/2014 Annex I (Part-M), M.A.301 / Annex VB (Part-ML), ML.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified or agreed by the CAA [Part-M, M.A.303 / Part-ML, ML.A.303].

Type Approval Holder's Name:

Type/Model Designation(s):

BAE SYSTEMS (OPERATIONS) LIMITED

BAe ATP

Effective Date:	30 June 2022
TCDS:	EASA.A.192
Foreign AD (if applicable):	Not Applicable
Supersedure:	Not Applicable

ATA 35 – Oxygen – Crew Oxygen Masks – Overhaul

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 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 AD was originally posted on 22 April 2022 as PAD 1996 for consultation until 20 May 2022. No comments were received during the consultation period.
2. If requested and appropriately substantiated, CAA can approve Alternative Methods of Compliance for this AD.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, 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 AD 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.
4. Enquiries regarding this AD should be referred to: Continued.Airworthiness@caa.co.uk.
5. For any questions concerning the technical content of the requirements in this AD, 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