



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 20-160**

**Issued: 09 October 2020**

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), 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.

**Design Approval Holder's Name:**

AIRBUS

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

A330 and A340 aeroplanes

**Effective Date:** [TBD - standard: 14 days after AD issue date]

**TCDS Number(s):** EASA.A.004 and EASA.A.015

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 25 – Equipment / Furnishings – Lower Deck Mobile Crew Rest Fire Extinguisher Bottle Outlet Tube – Replacement

### Manufacturer(s):

Airbus, formerly Airbus Industrie

### Applicability:

Airbus A330-201, A330-202, A330-203, A330-223, A330-243, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aeroplanes, all manufacturer serial numbers (MSN), if Airbus modification (mod) 40379 has been embodied in production, or the applicable modification SB has been embodied in service; and

Airbus A340-211, A340-212, A340-213, A340-311, A340-312, A340-313, A340-541, A340-542, A340-642 and A340-643 aeroplanes, all MSN, if Airbus mod 40379 has been embodied in production, or the applicable modification SB has been embodied in service.

### Definitions:

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



**The applicable modification SB:** Airbus Service Bulletin (SB) A330-25-3168, SB A330-25-3363, SB A330-25-3623, SB A330-25-3645 or SB A340-25-4098, as applicable, introducing provisions for installation of a lower-deck mobile crew rest (LDMCR).

**The SB:** Zodiac Galleys Europe Service Bulletin (SB) 663075-25-01.

**Affected assembly:** LDMCR, having a Part Number (P/N) and a serial number (s/n) as specified Table 1 of this AD, except those on which the SB has been embodied. The affected assemblies include an affected part, as defined in this AD.

**Affected part:** Halon outlet tubes, having P/N 663075-11.

**Serviceable part:** Flexible hoses, having P/N 241502-3.

**Groups:** Group 1 aeroplanes are those that have an affected assembly installed.  
Group 2 aeroplanes are those that do not have an affected assembly installed.

#### Reason:

Investigations of the affected assembly revealed that for certain LDMCR, the connection of the halon outlet tube P/N 663075-11 to the outlet of the fire extinguisher bottle P/N 9-2000-391 (Pacific Scientific P/N 33900012-2) may be incorrect.

This condition, if not corrected, in case of fire in the LDMCR, could lead to disconnection of a pipe, possibly resulting in reduced fire suppressing agent concentration at any location inside the LDMCR.

To address this potential unsafe condition, Zodiac Galleys Europe issued the SB to provide replacement instructions.

For the reasons described above, this AD requires, for each affected assembly, replacement of each affected part with a serviceable part.

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

Required as indicated, unless accomplished previously:

#### Replacement:

- (1) Group 1 aeroplanes: Within 6 months after the effective date of this AD, replace each affected part with a serviceable part in accordance with the instructions of the SB.

Table 1 – Affected Assemblies

P/N	s/n	P/N	s/n
601075-1	001 to 006 inclusive	601116-101	007 and 008
601078-1	001 to 019 inclusive	601116-201	009 to 018 inclusive
601078-101	001	601116-301	001 to 014 inclusive
601116-1	002 to 006 inclusive	601273-1	001



**Parts Installation:**

- (2) For Group 1 and Group 2 aeroplanes: From the effective date of this AD, do not install on any aeroplane an affected assembly, as defined in this AD.

**Ref. Publications:**

Zodiac Galleys Europe SB 663075-25-01 original issue dated 07 December 2014.

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

**Remarks:**

1. This Proposed AD will be closed for consultation on 06 November 2020.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. 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 [EU aviation safety reporting system](#). 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.
4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – IIAL (Airworthiness Office), E-mail: [airworthiness.A330-A340@airbus.com](mailto:airworthiness.A330-A340@airbus.com).

