



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 23-148

Issued: 20 December 2023

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 Change Approval Holder's Name:

SABENA TECHNICS BGC

Design Change Description(s):

Conversion from a passenger-cargo "combi" configuration to a "Class E Cargo"

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

STC Number(s): EASA Supplemental Type Certificate (STC) 10069551 Rev. 1 (formerly EASA STC 2004-2872)

Foreign AD: Not applicable

Supersedure: None

ATA 11 – Placards and Markings – Cargo Height Limitation – Implementation

ATA - Cargo Loading Procedure – Amendment

Manufacturer(s):

ATR-GIE Avions de Transport Régional, formerly EADS ATR - Alenia, Aerospatiale Matra ATR - ALENIA, Aerospatiale - Alenia, Aerospatiale – Aeritalia

Applicability:

ATR 42 and ATR 72, all certified models, all manufacturer serial numbers (MSN), on which EASA STC 10069551 Rev. 1 or EASA STC 2004-2872 has been embodied.

Definitions:

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

The ATI: Sabena Technics BGC (Sabena) Airworthiness Technical Instructions (ATI) 0110-09-A-ATI-F01-R00 or ATI 0110-11-A-ATI-F01-R00 both dated 19 September 2023, as applicable.



The CLP: Sabena Cargo Loading Procedure (CLP) in accordance with chapter 2.9 of Weight & Balance Manual Supplement 0110-09-A-2305 Revision 06 or chapter 2.11 of Weight & Balance Manual Supplement 0110-11-A-2305 Revision 07, as applicable.

Reason:

It has been identified that for aeroplanes converted from pax to cargo through EASA STC 10069551 Rev. 1 (previously EASA STC 2004-2872) no height limitation for the cargo when loaded in the cargo compartment is defined. Consequently, operators of such aeroplanes may load the cargo up to the ceiling of the cargo compartment and, therefore, potentially affect the proper functioning of the smoke detectors.

This condition, if not corrected, could lead to smoke not detected timely, possibly resulting in an uncontrolled fire.

To address this potential unsafe condition, Sabena issued the ATI, to provide modification instructions, and the updated CLP, as defined in this AD.

For the reasons described above, this AD requires modification of the cargo compartment and requires amendment of the associated CLP.

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

Required as indicated, unless accomplished previously:

Modification:

- (1) Within 6 months after the effective date of this AD, modify the cargo compartment in accordance with the instructions of the ATI.

Cargo Loading Procedure Amendment:

- (2) Concurrently with modification of an aeroplane as required by paragraph (1) of this AD, implement the CLP, inform all handling and loading personnel, and, thereafter, operate the aeroplane accordingly.

Ref. Publications:

Sabena Technics BGC ATI 0110-09-A-ATI-F01-R00 original issue dated 19 September 2023.

Sabena Technics BGC ATI 0110-11-A-ATI-F01-R00 original issue dated 19 September 2023.

Sabena Technics BGC Weight & Balance Manual Supplement 0110-09-A-2305 Revision 06 dated 15 September 2023.

Sabena Technics BGC Weight & Balance Manual Supplement 0110-11-A-2305 Revision 07 dated 19 September 2023.

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



Remarks:

1. This Proposed AD will be closed for consultation on 17 January 2024.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: 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: SABENA TECHNICS BGC, E-mail: airworthiness.office@sabenatechnics.com.

