



Airworthiness Directive

AD No.: 2025-0081

Issued: 11 April 2025

Note: This Airworthiness Directive (AD) 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.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I Part M.A.301, or Annex Vb Part ML.A.301, as applicable, 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 by the Agency [Regulation (EU) 1321/2014 Annex I Part M.A.303, or Annex Vb Part ML.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

EVEKTOR, spol. s r.o.

Type/Model designation(s):

SportStar RTC aeroplanes

Effective Date: 25 April 2025

TCDS Number(s): EASA.A.592

Foreign AD: Not applicable

Supersedure: None

ATA 78 – Exhaust – Noise Suppressor / Muffler – Inspection

Manufacturer(s):

Evektor, spol. s r.o.

Applicability:

SportStar RTC aeroplanes, all manufacturer serial numbers.

Definitions:

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

Affected part: Exhaust muffler having Part Number (P/N) E6 18-10 01 index B/B or P/N 766521 index I/I.

Serviceable part: Any exhaust muffler, P/N E6 18-10 01 index C/C or later approved P/N eligible for installation in accordance with Evektor instructions, or an affected part which before installation had passed an inspection in accordance with the instructions of the SB.

The SB: Evektor Service Bulletin (SB) No. RTC-077a Revision 4.

Groups:

Group 1 aeroplanes are those that have an affected part installed.

Group 2 aeroplanes are those that do not have an affected part installed.



Reason:

Occurrences of deformation of the inner pipes of the exhaust mufflers have been reported.

This condition, if not detected and corrected, could lead to engine in-flight shutdown and consequent emergency landing of the aeroplane, possibly resulting in damage to the aeroplane and injury to occupants.

To address this potential unsafe condition, Evektor issued the SB providing inspection instructions.

For the reason described above, this AD requires repetitive inspections of the affected part and, depending on findings, replacement. This AD also provides conditions for installation of affected parts.

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

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Inspections:

- (1) For Group 1 aeroplanes: Within 3 months or 100 flight hours (FH), whichever occurs first after the effective date of this AD, and thereafter, at intervals not to exceed 100 FH, inspect the affected part in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during any inspection as required by paragraph (1) of this AD, any discrepancy, as defined in the SB, is identified, before next flight replace the affected part with a serviceable part in accordance with the instructions of the SB.

Credit:

- (3) Inspections accomplished on an aeroplane before the effective date of this AD, in accordance with the instructions of Evektor SB RTC-077a at Revision 1, Revision 2, or Revision 3 are acceptable to comply with the requirements of paragraph (1) of this AD for that aeroplane.
- (4) Corrective action(s) accomplished on an aeroplane before the effective date of this AD, in accordance with the instructions of Evektor SB RTC-077a at Revision 2, or Revision 3 are acceptable to comply with the requirements of paragraph (2) of this AD for that aeroplane.

Parts Installation:

- (5) For Group 1 and Group 2 aeroplanes: From the effective date of this AD, it is allowed to install an affected part on an aeroplane, provided that the affected part is a serviceable part.

Terminating Action:

- (6) Replacement on an aeroplane of an affected part by exhaust muffler P/N E6 18-10 01 index C/C or later approved Evektor P/N, accomplished in accordance with Evektor instructions, constitutes terminating action for repetitive inspections as required by paragraph (1) of this AD for that aeroplane, provided that thereafter no affected part is installed on that aeroplane.



Ref. Publications:

Evektor SB No. RTC-077a Revision 1 (original issue) dated 28 November 2024, or Revision 2 dated 14 January 2025, or Revision 3 dated 23 January 2025, or Revision 4 dated 06 March 2025.

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

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 10 March 2025 as PAD 25-044 for consultation until 07 April 2025. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. 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 [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 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.
5. For any question concerning the technical content of the requirements in this AD, please contact: Evektor, spol. s r.o., Letecká 1008, 686 04 Kunovice, Czech Republic
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