



Airworthiness Directive

AD No.: 2021-0117

Issued: 26 April 2021

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, 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 agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

PIPISTREL VERTICAL SOLUTIONS d.o.o.

Type/Model designation(s):

Virus SW 121 and SW 128 aeroplanes

Effective Date: 10 May 2021

TCDS Number(s): EASA.A.573

Foreign AD: Not applicable

Supersedure: None

ATA 32 – Landing Gear – Parking Brake System – Modification

Manufacturer(s):

Pipistrel d.o.o.

Applicability:

Virus SW 121 aeroplanes, all serial numbers (s/n) up to VSW1210089 inclusive, and s/n VSW1210091; and

Virus SW 128 aeroplanes, s/n VSW1280002, VSW1280003, VSW1280004, VSW1280005, VSW1280006, VSW1280009, VSW1280010, VSW1280011, VSW1280013 and VSW1280021.

Definitions:

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

The SB: Pipistrel Vertical Solutions d.o.o. (PVS) Service Bulletin (SB) SB-121-00-80-015.

Reason:

Occurrences were reported where the parking brake lever inadvertently shifted from OFF to ON position, and the rubber brake cylinder hoses detached, causing brake fluid spillage.



This condition, if not detected and corrected, could lead to malfunction of the brake system degrading brake performance, possibly resulting in reduced control of the aeroplane during landing or roll-out.

To address this potential unsafe condition, PVS issued the SB to provide modification instructions.

For the reasons described above, this AD requires modification of the parking brake system.

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

Required as indicated, unless accomplished previously:

Modification:

Within 4 months after the effective date of this AD, modify the parking brake system in accordance with the instructions of the SB.

Ref. Publications:

PVS SB-121-00-80-015 original issue (A00) dated 17 August 2020.

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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
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: Pipistrel Vertical Solutions d.o.o. Vipavska cesta 2, 5270 Ajdovščina, Slovenia; E-mail: maintenance@pipistrel.si.

