



## Airworthiness Directive

**AD No.:** 2019-0128

**Issued:** 06 June 2019

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 aeroplanes

**Effective Date:** 20 June 2019

**TCDS Number(s):** EASA.A.573

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 25 – Equipment / Furnishings – Seat Belt Attachment Points / Bolts – Inspection / Replacement

### Manufacturer(s):

Pipistrel d.o.o. Ajdovščina

### Applicability:

Virus SW 121 aeroplanes, all serial numbers.

### Definitions:

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

**The SB:** Pipistrel Vertical Solutions d.o.o. (PVS) Service Bulletin (SB) SB-121-00-80-012.

**Affected part:** Seat belt attachment bolts, M8 x 25 mm, having Part Number (P/N) 5010270.

**Serviceable part:** Seat belt attachment bolts, M8 x 35 mm, having P/N 5010374.

**Groups:** Group 1 aeroplanes are those with serial numbers (s/n) VSW1210001 to VSW1210042 inclusive. Group 2 aeroplanes are those with s/n VSW210043 or higher.



**Reason:**

Occurrences have been reported of finding insufficient thread engagement between the aft seat belt attachment points on the baggage compartment bulkhead, and the affected parts. Investigation results show that this is due to deviations in composite laminate thickness.

This condition, if not corrected, could lead to detachment of a seat belt, possibly resulting in injury to aeroplane occupants during high G-force manoeuvres, or during landing.

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

For the reason described above, this AD requires a one-time inspection of the seat belt attachment points on the baggage compartment bulkhead and, depending on findings, replacement of all affected parts with serviceable parts, as defined in this AD.

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

Required as indicated, unless accomplished previously:

**Inspection:**

- (1) For Group 1 aeroplanes: Within 25 flight hours or 30 days, whichever occurs first after the effective date of this AD, inspect the seat belt attachment points in accordance with the instructions of Part 3 of the SB.

**Corrective Action(s):**

- (2) If, during the inspection as required by paragraph (1) of this AD, less than 2 full threads of any affected part protrude beyond the back of the attachment point, before next flight, replace that affected part with a serviceable part, as defined in this AD, in accordance with the instructions of Part 4 of the SB.

**Parts Installation:**

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

**Ref. Publications:**

PVS SB-121-00-80-012 original issue (A00) dated 12 March 2019, or issue A01 dated 05 April 2019, or issue A02 dated 06 May 2019.

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 Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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](#).
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, Telephone +386 5365 8160, Website: [www.pipistrel-aircraft.com](http://www.pipistrel-aircraft.com).

