



Airworthiness Directive

AD No.: 2020-0038

Issued: 27 February 2020

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:

WSK "PZL-ŚWIDNIK" S.A.

Type/Model designation(s):

PZL W-3A helicopters

Effective Date: 12 March 2020

TCDS Number(s): EASA.R.007

Foreign AD: Not applicable

Supersedure: None

ATA 62 – Main Rotor – Vibration Absorber Fairing – Installation

Manufacturer(s):

Wytwórnia Sprzętu Komunikacyjnego (WSK) "PZL-Świdnik" Spółka Akcyjna (S.A.)

Applicability:

PZL W-3A and PZL W-3AS helicopters, all manufacturer serial numbers.

Definitions:

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

Affected part: Fairing Part Number (P/N) 30.23.015.00.03 installed on vibration absorber P/N 30.23.000.00.04.

Affected hardware: Bolts P/N 3003A-6-16-3 and castellated nuts P/N 3336A-6, locked with cotter pin S-Cd 1,6x16 PN-76/M-82001.

The ASB: WSK "PZL-ŚWIDNIK" S.A. PZL W-3A Alert Service Bulletin (ASB) ASB-37-19-307.



Reason:

An occurrence was reported involving broken bolt P/N 3003A-6-16-3 securing the affected part. Subsequent investigation identified that the maintenance instructions detailing steps how to secure the affected hardware on an affected part did not include information about torque value to tighten the castellated nut P/N 3336A-6.

This condition, if not corrected, could lead to detachment of the affected part from the helicopter and its subsequent contact with helicopter stationary or rotary parts, possibly resulting in damage to, and consequent reduced control of, the helicopter.

To address this potential unsafe condition, WSK “PZL-ŚWIDNIK” S.A. issued the ASB to provide improved installation instructions.

For the reasons described above, this AD requires use of the improved installation instructions to secure the affected part to the vibration absorber using the affected hardware.

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

Required as indicated, unless accomplished previously:

Installation:

From the effective date of this AD, installation of an affected part on a helicopter by using the affected hardware to secure the affected part to the vibration absorber is allowed, provided that it is accomplished in accordance with the instructions of the ASB.

Ref. Publications:

WSK “PZL-ŚWIDNIK” S.A. PZL W-3A ASB-37-19-307 original issue 23 November 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. This AD was posted on 24 January 2020 as PAD 20-016 for consultation until 21 February 2020. No comments were received during the consultation period.
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.
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: WSK "PZL- Świdnik" S.A., Al. Lotników Polskich 1, 21-045 Świdnik, Poland; Telephone: (+48) 81 722 6140; E-mail: PL-CustomerSupport.AW@leonardocompany.com.

