

Airworthiness Directive

AD No.: 2020-0275

Issued: 10 December 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 SW-4 helicopters

Effective Date: 17 December 2020

TCDS Number(s): EASA.R.100

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2019-0062 dated 26 March 2019.

ATA 05 – Time Limits / Maintenance Checks – Airworthiness Limitations – Amendment

Manufacturer(s):

WSK "PZL – Świdnik" S.A. (PZL Świdnik)

Applicability:

PZL SW-4 helicopters, all serial numbers.

Definitions:

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

The ALS: PZL SW-4 Instructions for Continued Airworthiness - Maintenance Manual (document number AE 60.01.04.0 MM), Chapter 4 - Airworthiness Limitations (ALS) Revision 17 dated April 2020.

The AMP: The approved Aircraft Maintenance Programme (AMP) containing the maintenance tasks and limitations on the basis of which the operator or the owner ensures the continuing airworthiness of each operated helicopter. For PZL SW-4 helicopters registered in Europe, compliance with the approved AMP is required by Commission Regulation (EU) [1321/2014](#), Part M.A.301, paragraph 3.

New and/or more restrictive maintenance tasks and life limits: This includes all maintenance tasks and life limits that are new or for which a threshold and/or interval was reduced, which were

introduced into the ALS (as defined in this AD) since the previous ALS Revision that is currently incorporated in the AMP.

Reason:

The airworthiness limitations for the PZL SW-4, which are approved by EASA, are currently defined and published in the PZL Świdnik SW-4 ALS document. These instructions have been identified as mandatory for continued airworthiness.

Failure to accomplish these instructions could result in an unsafe condition.

Previously, EASA issued AD 2019-0062 to require accomplishment of maintenance tasks and replacement of life limited parts as described in PZL SW-4 Instructions for Continued Airworthiness - Maintenance Manual (document number AE 60.01.04.0 MM), Chapter 4 - Airworthiness Limitations at Revision 14. Since that AD was issued, PZL Świdnik published the ALS, including new and/or more restrictive maintenance tasks and life limits.

For the reason described above, this AD retains the requirements of EASA AD 2019-0062, which is superseded, and requires accomplishment of the actions specified in the ALS.

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

Required as indicated, unless accomplished previously:

Maintenance Tasks and Replacement of Life Limited Parts:

- (1) From the effective date of this AD, accomplish the following actions, as specified in the ALS, as applicable to helicopter operation or configuration:
 - (1.1) Replace each part before exceeding the applicable life limit, or within 10 days after the effective date of this AD, whichever occurs later; and
 - (1.2) Accomplish all maintenance tasks within the applicable thresholds and intervals.

Corrective Action(s):

- (2) In case of finding any discrepancy during accomplishment of any action as required by paragraph (1) of this AD, within the compliance time specified in the ALS, accomplish the applicable corrective action(s) in accordance with the applicable PZL Świdnik maintenance documentation. If no compliance time is identified in the ALS, accomplish the applicable corrective action(s) before next flight. If a detected discrepancy cannot be corrected by using existing PZL Świdnik instructions, before next flight, contact PZL Świdnik for approved instructions and accomplish those instructions accordingly.

AMP Revision:

- (3) Within 12 months after the effective date of this AD, revise the approved AMP by incorporating maintenance tasks, life limits and associated thresholds and intervals described in the ALS, as applicable to helicopter operation or configuration.



Credit:

- (4) For an AMP that, on the effective date of this AD, is already updated to incorporate the maintenance tasks and life limits, as specified in the previous issue of the ALS, that action ensures the continued accomplishment of those maintenance tasks and applicable life limits.

Consequently, for a helicopter to which that AMP applies, it is acceptable to accomplish the new and/or more restrictive maintenance tasks and life limits as specified in the ALS, as applicable to helicopter operation or configuration, within the compliance times as specified in the ALS, to comply with paragraph (1) of this AD.

For that AMP, it is acceptable to incorporate the new and/or more restrictive maintenance tasks and life limits, as specified in the ALS, as applicable to helicopter operation or configuration, into the AMP to comply with paragraph (3) of this AD.

Recording AD Compliance:

- (5) When the AMP of a helicopter has been revised as required by paragraph (3) or (4) of this AD, as applicable, that action ensures continued accomplishment of the actions as required by paragraph (1) and (2) of this AD for that helicopter. Consequently, after revising the AMP, as required by paragraph (3) or (4) of this AD, as applicable, it is not necessary that accomplishment of individual action is recorded for demonstration of AD compliance on a continued basis.

Ref. Publications:

PZL Świdnik SW-4 Instructions for Continued Airworthiness - Maintenance Manual (document number AE 60.01.04.0 MM), Chapter 4 - Airworthiness Limitations Revision 17 dated April 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 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](#). 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: 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.

