



Airworthiness Directive

AD No.: 2018-0025

Issued: 30 January 2018

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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 (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

WSK "PZL-ŚWIDNIK" S.A.

Type/Model designation(s):

PZL SW-4 helicopters

Effective Date: 13 February 2018

TCDS Number(s): EASA.R.100

Foreign AD: Not applicable

Supersedure: None

ATA 11 – Placards and Markings – Installation / Rotorcraft Flight Manual – Amendment

Manufacturer(s):

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

Applicability:

PZL SW-4 helicopters, manufacturer serial numbers up to 60.04.09 inclusive.

Definitions:

The MB: WSK "PZL-ŚWIDNIK" S.A. PZL SW-4 Mandatory Bulletin No. BO-60-18-85.

The RFM: PZL SW-4 Rotorcraft Flight Manual Doc. No AE-60.01.04.1

Reason:

A review of the RFM determined that some of Vne (never-exceed speed) values applicable to power-off flight conditions were incorrectly indicated, and were below the minimum flight speed established for power-off flights. Additionally, it was established that the Vne limitations applicable to power-off flights were available to flight crew in a form of separate cards located in dedicated storage pockets, instead of being presented in a form of placards located in a conspicuous place.

This condition, if not corrected, could affect the ability of the flight crew to maintain the correct flight speed, possibly resulting in reduced control of the helicopter.



To address this potentially unsafe condition, WSK "PZL-ŚWIDNIK" S.A. issued the MB, which includes Revision 30 of the RFM and placard installation instructions.

For the reasons described above, this AD requires amendment of the RFM and installation of placards.

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

Required as indicated, unless accomplished previously:

RFM Amendment:

- (1) Within 30 days after the effective date of this AD, amend the applicable RFM by incorporating Revision 30 in accordance with the instructions of points 1 and 3 of Chapter II of the MB, inform all flight crew and, thereafter, operate the helicopter accordingly.
- (2) Amending the applicable RFM of a helicopter to incorporate a later approved RFM revision which includes the changes introduced by Revision 30, is acceptable to comply with the requirements of paragraph (1) of this AD for that helicopter.

Placard Installation:

- (3) Concurrently with the RFM update, as required by paragraph (1) of this AD, install Vne limitation placards in the flight crew compartment in accordance with the instructions of points 6 and 7 of Chapter II of the MB.

Ref. Publications:

WSK "PZL-ŚWIDNIK" S.A. PZL SW-4 MB No. BO-60-18-85 dated 12 January 2018.

The use of later approved revisions of 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. 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
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