



## **AVIA PROPELLER Ltd.**

Beranových 666, 199 00 Praha - Letňany, Czech Republic

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# **INFORMATION BULLETIN**

**No.:** V 500A/11b

**Refers to:** All propellers V 500A. Possibility of replacement of the pressure oil distributor P7900.01, which is a part of propeller unit, for a new type of the pressure oil distributor having the marking LUN 7902.

**Reason:** On the principle of experience from the operation, producer introduces the new type of the pressure oil distributor LUN 7902, which replaces the current type P7900.01. The new distributor of the pressure oil LUN 7902 demonstrates the higher operational reliability, lower requirements for service maintenance and features the unified maximum operational periods with propeller V 500A.

For the new distributor of pressure oil LUN 7902, CAA CZ issued Approval for application in civil aviation with number S-24-97.

**Measures:** The new distributor of the pressure oil LUN 7902 can be replaced during the operation any time instead the initial type P7900.01.

Producer recommends to carry out replacement of the initial distributors P7900.01, or their reconstruction on type LUN 7902 on the all aircraft used in the aerobatics operation, on which has been installed the initial type of the oil distributor. For the new or reconstructed distributors of the pressure oil LUN 7902, there are not to be carried out the periodical and repeated checking of the flange for propeller fixation in accordance with bulletins V 500A/6a and V 500A/7a, but it is absolutely necessary to keep the operational restrictions presented in flight operation manual of the aircraft Z 142 and Z 43.

Producer of the both types of distributors performs the ordered workshop reconstruction of the type P7900.01 on LUN 7902, in accordance with an internal plant instruction PA-HSA-00.059-98, using same original parts for this purpose. This reconstruction can be carried out both in frame of distributor overhaul and also any time within its operation. The distributor reconstructed on LUN 7902 gains the full parameters of service life valid for a new distributor.

The new propeller systems with propeller V 500A, produced at the date of approval of this bulletin, will be equipped with one piece of the pressure oil distributor of the type LUN 7902, complying with the full service life of the propeller V 500A.

In case of elimination of the operation the Flange of distributor P/N P 7900-6111 as a result of inspection according to the bulletins V 500A/6a and V 500A/7a, during the operation or in frame of overhaul, producer recommends the replacement for flange of the new type together with a reconstruction of distributor on LUN 7902 in accordance with instruction PA-HSA-00.059-98. The distributor reconstructed on LUN 7902 gains the full service life parameters of the new distributor.

**To be carried out:** By the user.  
**Costs:** No costs arise.  
**Bulletin comes in force:** By the date of approval.  
**Date:** June 22, 1999

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From the technical point of view approved by CAA TI CZ.