



# **AVIA Propeller Ltd.**

P.O.BOX 22, 250 02 Stará Boleslav, Czech Republic

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## **INFORMATION BULLETIN No. V 510/12b V 510T/4b V 510AG/5b**

Refers to: Decrease of the forward thrust in landing regime at propellers V 510, V 510T and V 510AG. Decrease of the thrust is achieved by change of setting the minimum flight angle of propeller blades from value  $+14^\circ$  on  $+10^\circ$ .

Measures: The producer of aircraft propellers AVIA Propeller Ltd. (further AP only), will enable to operators of the above mentioned types of propellers:

a) **Accomplishment of reconstruction of the propeller RPM governor LUN 7816 on the version LUN 7816.02**

The modification includes:

- replacement of lever of joint connection P/N 1535-002 on the RPM governor LUN 7816 for modified lever JC P/N 4-ROW-0101-01.
- adding the digits“.02” behind the number of marking of the governor type on the production rating plate
- adjustment of the RPM governor according to the special technological procedure
- adjustment of the microswitch of signalisation of propeller transition into the BETA zone according to the technological procedure, which is presented in Operator's, Installation and Maintenance Manual of the above mentioned types of propellers.

The replacement and adjustment are to be carried out by service personnel of the firms AP, Walter, Jihostroj or by the repair facility authorised for it by some of the mentioned firms. The replacement also can be carried out by producer or repair facility when making the governor overhaul (GO).

**b) Accomplishment of change of adjustment in context with replacement of the propeller RPM governor**

The modification includes:

- replacement of the propeller RPM governor LUN 7816 for version LUN 7816.02, which has already mounted in the modified lever of joint connection. The replacement of the RPM governor will carry out the operator according to the valid Operator's, Installation and Maintenance Manual of the above mentioned propellers types.
- adjustment of the RPM governor according to the technological procedure, which is presented in the Operator's, Installation and Maintenance Manual of the above mentioned types of propellers.

Reason: Based on the request of operators and on the experience from the operation.

Action: On basis of this bulletin the operators can request the reconstruction of the RPM governor LUN 7816 on the version LUN 7816.02 according to the point a) or delivery of RPM governor LUN 7816.02 according to the point b) of this bulletin.

To be Carried out by: AVIA Propeller Ltd., Walter Jsc, Jihostroj Jsc, or repair facility authorised by one of the mentioned firms.

Costs: Costs for reconstruction of governor are to be covered by operator on principle of the agreement closed with producer.

Bulletin comes in force: On the date of its approval.

Date: October 31, 2000

Igor Brunclík

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General Director of AP Ltd.

Zbyněk Tvrdlík

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Chief Designer of AP Ltd.

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