



AVIA PROPELLER Ltd.

Beranových 666, 199 00 Praha - Letňany, Czech Republic

INFORMATION BULLETIN

No.: V 506-3-I/63

Concerns: V 506 propellers – Fixing screws of part No. V 506-2203 on the L 200D aeroplanes.

Reason: By a service inspection has been established that some commercial users at replacement and reassembly of propellers tighten the propeller fixing bolt nuts by an immoderate torque, where to sometimes even longer torque wrenches are being applied. Such an overtightening of the fixing bolts results in a lasting deformation of the fixing bolts.

It is recommended to do:

To tighten the propeller fixing bolt nuts by a moderate torque as specified, i. e. by a torque of about 4 to 5 kpm.

The propeller fixing bolts are stressed quite slightly in air service. The fitting preliminary stress specified by calculation is about 1500 kg and this value corresponds to a tightening torque of about 4 kpm.

The propeller manufacturing works let you know for your information that any overtightening the fixing bolt nuts results in elongation and thinning the cylindrical part of the bolts.

Date: January 1, 1963

Hadrava m. p.
Manufacturer

Havlas m. p.
Customer's Representative

At such a thinning of the bolt shafts down to a diameter of 7.70 mm remain the fixing bolts still sufficiently strong and safe for due service, however, if applied the specified maximum tightening torque of 5 kpm only.

For due locking the bolts never overtighten the bolt nuts, but loosen them a little for that purpose.