

	Service Letter SL 35A	DOA - No. EASA.21J.020
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Planning Information

Cleaning of Parts and Hubs by Glass / Plastic Media Blasting

Affected Propeller:

All hydraulic constant speed MT - Propellers

Affected Parts:

- ✓ Hub blade bearings seats
- ✓ Hub pitch change piston cylinder
- ✓ All parts on which an moving O-ring is installed for sealing.

Reason:

Premature O-ring wear due to a too rough contact surface, possibly leading to internal leakage and possible external oil leakage.

Work Procedure:

No glass media cleaning is allowed on hub blade bearing seats and hub O-rings cylinder surface.

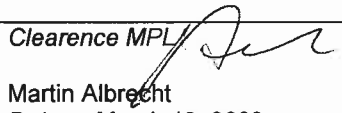
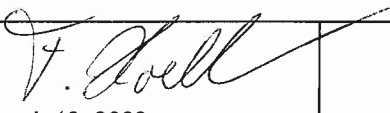
Removal of material by glass media cleaning may lead to excessive wear and rough surfaces resulting in O-ring wear and therefore internal leaking.

In case that above mentioned parts are erroneously glass media blasted just use sand paper (start with grid 400 and finish with grid 1000) and polish the areas where the O-Ring will operate.

In case of doubt polish the hub cylinder area to have a smooth O-ring contact area.
No glass media cleaning is allowed on any O-Ring contact area.

Publications Affected:

Overhaul Manual E-220
Overhaul Manual E-519
Overhaul Manual E-520
Overhaul Manual E-571
Overhaul Manual E-680
Overhaul Manual E-700

Clearence MPL  Martin Albrecht Date: March 13, 2009	Edition  Fini Hoell Date: March 13, 2009		Page 1 of 1
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