

RotorSport UK Ltd

Poplar Farm, Prolley Moor, Wentnor, Bishops Castle, Shropshire, SY9 5EJ

Service Information Letter

SIL- 024

Issue: 1

Dated: 30.10.18

CCAR no: None

The purpose of this document is to communicate information that may be of benefit to pilot owners of RotorSport aircraft. If there is any clarification required of the content of the letter, contact RSUK on 44(0)1588 505060, or email info@rotorsport.org. Document completed iaw BP 2.20.

Aircraft type & model applicability:

Aircraft serial numbers affected:

All aircraft fitted with an IVO propeller

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Subject: IVO propeller – Lubrication of Shaft Bushings

Safety effect:

Operational safety improved by greater reliability

Weight and CG effect:

No effect

Background:

In aircraft fitted with IVO propellers the pitch adjustment mechanism has been found to fail after non-specific usage hours. This has now been further experienced in propellers that have had AutoGyro SB-2017-05-B-EN carried out on them.

Positive results have been achieved by the application of a suitable lubricant being introduced at the pitch change rod bushings and worm gear in the blade root.

The instruction below introduces regular maintenance/lubrication at the site of the bush.

Discussion:

None

Recommendation:

It is recommended that this servicing be carried out every 5 flying hours, and noted in the aircraft records.

References:

Further detail is provided in AutoGyro Service Information Letter AG-SIL-2018-04-B-EN which is embedded at the end of this document

Approval Statement:

‘The technical content of this document is approved under the authority of the UK CAA Design Organisation Approval Ref: DAI/9917/06’

Effect on Pilots Handbook or Maintenance Manual:

This SIL information will be embodied in the POH and AMM at next issue.

SIL authorised by:

Quality Conformance Manager	Engineering Manager	Chief Test Pilot (if flight performance or safety effect)	Head of Airworthiness or CVE (where required)
Name: G Speich	Name: G Shaw	Not required	Name:
Signature and date:	Signature and date:		Signature and date: