

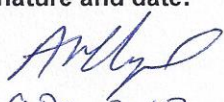


RotorSport UK Ltd

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

Service Information Letter			
SIL-025	Issue: 1	Dated: 16.11.18	CCAR no: None
<p>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 650769, or email info@rotorsport.org. Document completed iaw BP 2.20.</p>			
Aircraft type & model applicability:		Aircraft serial numbers affected:	
All RSUK/AutoGyro types		RSUK/All	
Subject: Brake cleaner and similar solvents			
Safety effect:			
Potential adhesion failure addressed			
Weight and CG effect:			
None			
Background:			
During maintenance process trials it has been found that commercial "Brake Cleaner" can leave a residue deposit on the surface of cleaned components. This deposit has been shown to affect the adhesion of some components or the hardening of component adhesives such as Loctite.			
Discussion:			
This SIL-025 describes alternative solvents for field use (Würth Metal Cleaner 7063, Loctite 7063).			
Recommendation:			
It is strongly recommended that brake cleaner is not used in the final cleaning or de-greasing of components prior to any bonding task.			
References:			
AutoGyro Service Information letter AG-SIL-2018-06-B-EN			
Approval Statement:			
<i>'The technical content of this document is approved under the authority of the UK CAA Design Organisation Approval Ref: DAI/9917/06'</i>			
Effect on Pilots Handbook or Maintenance Manual:			
Information will be embodied in the relevant 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	Name:	Name: <i>A LYONS</i>
Signature and date:	Signature and date:	Signature and date:	Signature and date:
 <small>G. Speich Dec 4 2018 4:05 PM DocuSign</small>	 <small>G. Shaw Dec 4 2018 11:24 AM DocuSign</small>	<p style="text-align: center;">Not required</p>	 <i>19 Dec 2018</i>

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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	Name:	Name:
Signature and date:	Signature and date:	Signature and date: Not required	Signature and date:

Title: Brake Cleaner (30916) – Substitution with Würth Metal Cleaner 7063 (46623)		
AG-SIL-2018-06-B-EN		Compliance Category:
Applicability		A – MANDATORY B – RECOMMENDED C – OPTIONAL
Aircraft type & model: All aircraft	Affected aircraft serial numbers: All aircraft	
The maintenance manual to be referenced is this stated or subsequent issue.		As per AutoGyro website
<p>This form is the response from AutoGyro GmbH either against a problem found in the product in service requiring a containment or rectification action, or as service information for aircraft modification incorporation. For help, contact AutoGyro on 49(0)5121 88056-00, or email airworthiness@auto-gyro.com.</p>		

Documentation (Service Information Letter Completion action)

The accomplishment of this Service Information Letter, or the decision of its rejection, must be properly documented, if such procedure is required by the relevant authority

Category Codes

- A – Mandatory – failure to comply result in a significant reduction of flight safety, injury or death
- B – Recommended – failure to comply may result in reduced safety margin, injury and/or equipment damage
- C - Optional – improves operating behavior, reliability and/or maintainability

Chief Certification Officer	Chief Technical Officer

Contact & Info:
airworthiness@auto-gyro.com
www.auto-gyro.com

AutoGyro GmbH
 Dornierstr. 14
 31137 Hildesheim

Reason and overview of the Service Information Letter (cause of problem if known)

During maintenance process trials it has been found that brake cleaner can leave a residue deposit on the surface of cleaned components. This deposit has been shown to affect the adhesion of some components or the hardening of component adhesives such as Loctite.

It is strongly recommended that brake cleaner is not used in the final cleaning or de-greasing of components prior to any bonding task.

Manpower estimates

Nil

Tooling required

Nil

Weight and Balance Effects

No effect

Manuals affected

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

Previous Modifications that affect the SIL

None

Accomplishment instructions (Action required to implement this service information letter):

Effective date of this SIL is 16th November 2018

Failure to comply with this SIL may lead to component adhesion failure and loss of Warranty.

Instructions

1. Cleaning and de-greasing of AutoGyro aircraft components prior to bonding must be undertaken using the materials specified within the adhesive instructions. If no clear instructions are present, AutoGyro recommend the use of Würth Metal Cleaner 7063 (AG part no. 46623) or an acceptable equivalent i.e. Loctite 7063 (AG part no. 10099).



List of components (with purchasable part nos)

Consumables used:

Würth Metal Cleaner 7063 (46623) or suitable equivalent, i.e. Loctite 7063 (10099)

Interchangeability

Not affected

Parts disposition

- a) Disposal requirements – None
- b) Environmental hazards of parts containing hazardous materials - None
- c) Scrap requirements (e.g. mutilate scrapped items beyond use) – Not applicable