

## SERVICE LETTER

# Documentation for ROTAX® 2-stroke UL engines (ASTM compliant) and certified 2-stroke aircraft engines

ATA System: 00-00-00 General

### 1) Planning information

To obtain satisfactory results, procedures specified in this publication must be accomplished with accepted methods in accordance with prevailing legal regulations.

BRP-Rotax GmbH & Co KG cannot accept any responsibility for the quality of work performed in accomplishing the requirements of this publication.

#### 1.1) Applicability

All versions of ROTAX® engines types:

- all UL and ASTM compliant 2-stroke aircraft engines
- all certified 2-stroke aircraft engines

#### 1.2) Concurrent ASB/SB/SI and SL

In addition to this Service Letter the following Service Letter must be observed and complied with: SL-2ST-013, title "List of Applicable Publications for ROTAX® Aircraft Engines", current issue.

#### 1.3) Reason

In course of introduction of a new document type called SI-PAC, the structure of the technical documentation for ROTAX 2-stroke UL (ASTM compliant) and certified 2-stroke aircraft engines has been extended.

#### 1.4) Subject

Documentation for ROTAX 2-stroke UL engines (ASTM compliant) and certified 2-stroke aircraft engines.

#### 1.5) Compliance

NONE - For Information Only.

#### 1.6) Approval

The technical content of this document is approved under the authority of DOA ref. EASA.21J.048.

#### 1.7) Labor time and credit

None.

#### 1.8) Mass data

Change of weight - - - none.  
Moment of inertia - - - unaffected.

#### 1.9) Electrical load data

No change.

#### 1.10) Software modifications

No change.

#### 1.11) References

None.

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**1.12) Other Publications affected**

None.

**1.13) Interchangeability of parts**

- Not affected

**2) Material Information**

- Not affected

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## 3) Accomplishment/Instructions

### 3.1) Structure of the documentation

The documentation has been split according to use, as follows:

Documentation	Abbreviation	Contents
Operators Manual	OM	The Operators Manual contains information for the OEM and is one important source for the flight manual. The Manual is subdivided into description of design, technical data, handling operations, checking, trouble shooting and list of authorized distributors.
Maintenance Manual (Line)	MML	The Maintenance Manual contains information about specified Maintenance ("Line Maintenance"). It is subdivided into maintenance schedule, operating-hours-related checks, periodic maintenance and special checks. The Maintenance Manual has to be used together with the Maintenance Manual of the aircraft manufacturer or with the content incorporated.
Maintenance Manual (Heavy)	MMH	The Maintenance Manual contains information about maintenance tasks beyond the scope of the Maintenance Manual ("Line Maintenance"). The Maintenance Manual ("Heavy Maintenance") is planned for use in aircraft- and repair facilities. It is subdivided into maintenance of the different systems, maintenance of components, table of wear limits and form sheets.
Installation Manual	IM	The Installation Manual contains information about installation of the engine into the aircraft and is intended for use by aircraft manufactures. The Manual is subdivided into installation dimensions, preparation for engine installation, definition of engine suspension, fitting positions and installation notes of the individual systems.
Overhaul Manual	OHM	The Overhaul Manual contains information about a general overhaul of the engine. The Overhaul Manual is exclusively for use in approved overhaul facilities. The Overhaul Manual is subdivided into information, instructions and guidelines about engine overhaul and form sheets, etc.
Illustrated parts catalog	IPC	The Illustrated parts catalog contains an exploded view of all parts of the engine with part number and quantity per engine.

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Documentation	Abbreviation	Contents
Alert Service Bulletin	ASB	Contains instructions for accomplishment of certain safety tasks within a specified period.
Service Bulletin	SB	Contains instructions for accomplishment of certain tasks within a specified period of information of design changes
Service Instruction	SI	Contains instructions to assist the aircraft manufacturer and aircraft mechanic/keeper to warrant correct conditions of operation and installation.
Service Instruction - Parts and Accessories	SI-PAC	Contains instructions to assist the aircraft manufacturer and aircraft mechanic/keeper to warrant correct conditions of spare parts scope, operation, installation and maintenance of PAC parts. "PAC" Service Instruction Documents provide detailed information on non-certified ROTAX® Aircraft Engine Parts, Accessories and Clothing. Referenced parts and accessories are provided without EASA certification or ASTM compliance. Certification/Compliance of referenced Parts and Accessories must be completed by the aircraft OEM.
Service Letter	SL	Contains information to assist the aircraft manufacturer/keeper to warrant proper conditions of operation and installation.

### 3.2) Summary

**I** A revision bar outside of the page margin indicates a change to text or graphic.

Translation into other languages might be performed in the course of language localization but does not lie within ROTAX® scope of responsibility.

In any case the original text in English language and the metric units are authoritative.

### 3.3) Inquiries

Inquiries regarding this Service Letter should be sent to the ROTAX® Authorized Distributor of your area.

A list of all ROTAX® Authorized Distributors or their independent Service Centers is provided on [www.flyrotax.com](http://www.flyrotax.com).

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