



EVEKTOR - AEROTECHNIK Inc.

Letecká 1384
686 04 Kunovice
Czech Republic

Tel.: +420 572 537 111
Fax: +420 572 537 900
email: marketing@evektor.cz
www.evektoraircraft.com

MANDATORY BULLETIN No.: SPORTSTAR MAX PTF – 002 a SR SAFETY RELATED

1. **CONCERNING:** All SportStar MAX aeroplanes with EASA approved Flight conditions and **Permit to Fly** issued by National Aviation Authority, **which engine Rotax 912 or crankshaft have been replaced in service.**
2. **REASON:** The engine manufacturer Rotax GmbH has issued Alert Service Bulletin No. ASB-912-059UL / ASB-914-042UL (one document) requesting check of the crankshaft journal of Rotax 912 and Rotax 914 engines. Due to a deviation in the manufacturing process some crankshaft may have a crack formation occur. These cracks can cause a breakage of the crankshaft support bearing and may lead to engine stoppage.
Rotax GmbH has specified serial numbers of 912 and 914 engines in the bulletin as well as serial numbers of crankshafts which may be affected by this problem.
Based on these serial numbers the bulletin does not affect any SportStar MAX PTF aeroplane, which engine was installed originally by the aeroplane manufacturer. **However the bulletin may affect the aeroplanes, which engine or crankshaft was replaced in service.**
3. **REQUIRED ACTION:** For those SportStar MAX PTF aeroplanes, which engine or crankshaft was replaced in service, compare serial number of newly installed engine/ crankshaft with the serial numbers listed in the bulletin ASB-912-059 UL / ASB-914-042UL. If found serial number matches, then it is required to follow instructions in the bulletin ASB-912-059 UL / ASB-914-042UL and perform crankshaft check for cracks.
4. **LATEST DATE OF ACTION:** Within 4 flight hours or till 25.12.2011 whichever occurs first.
5. **ACTION CARRIED OUT BY:** Aeroplane owner or operator or authorized mechanic
6. **COSTS COVERED BY:** Refer to ASB-912-059 UL / ASB-914-042UL
7. **REQUIRED MATERIAL:** Refer to ASB-912-059 UL / ASB-914-042UL
8. **PROCEDURE OF WORK:** Refer to ASB-912-059 UL / ASB-914-042UL
9. **APPENDICES:** Appendix 1 ASB-912-059 UL / ASB-914-042UL
10. **ELABORATED BY:** Petr Javorsky 30.11.2011
LSA Project Manager
11. **APPROVED BY:** Stanislav MIKULASTIK 01.12.2011
Quality Director
Miroslav MARTINEK 01.12.2011
Technical Director
Milan MACH 01.12.2011
Commercial Director
Jiri MICHALIK 01.12.2011
Service Manager
Radek SURY 01.12.2011
Head of Technical
Inspection Department

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SAFETY RELATED

Appendix 1 ROTAX ALERT SERVICE BULLETIN
ASB-912-059UL / ASB-914-042UL

The Bulletin is available to download at:

<http://www.evektoraircraft.com/en/service-support/list-of-bulletins/supplier-s-bulletins>

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