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MANDATORY BULLETIN No.: EV97 – 019 a

1. **CONCERNING:** All EV-97 EuroStar aeroplanes, which engine Rotax 912 / Rotax 914 or crankshaft have been replaced in service.
It is known to the aeroplane manufacturer, the aeroplane **EV-97 EuroStar SLW, S/N 20113822, fitted with Rotax 914 engine, S/N 6,774.181.**
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 affects above mentioned aeroplane EV-97 EuroStar SLW. **It may also affect the aeroplanes, which engine or crankshaft was replaced in service.**
3. **REQUIRED ACTION:** For those EV-97 EuroStar 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
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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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