



Ministerio de Fomento
AGENCIA ESTATAL DE SEGURIDAD AÉREA
(State Aviation Safety Agency)

**AIRWORTHINESS
DIRECTIVE**

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AFFECTED PRODUCTS: Rotax 912 iS Sport engines, all serial numbers. These engines are known to be installed on, but not limited to, Ultralight Airplanes ICP Savannah S iS.

MANUFACTURER: BRP-Rotax GmbH & Co. KG.

ISSUE DATE: 19 September 2017.

REFERENCE: BRP-ROTAX Alert Service Bulletin (ASB) ASB-912 i-007iS.

EFFECTIVITY DATE: On the issue date.

DESCRIPTION: Ignition house sealing plugs have been found improperly installed. BRP-Rotax has determined the population of stator assemblies and ignition housings that may be affected. This condition, if not detected and corrected, may lead to oil leakage, with consequent loss of lubrication, in-flight engine shutdown and forced landing, possibly resulting in damage to the aircraft and injury to occupants.

To address this potential unsafe condition, BRP-Rotax issued Alert Service Bulletin (ASB) ASB-912 i-007iS, providing inspection instructions. For the reason described above, this AD requires a one-time inspection and, depending on findings, reseating of the sealing plug. This AD also requires an inspection each time an affected stator assembly or ignition housing is installed on an engine.

COMPLIANCE: Required as indicated, unless accomplished previously:

Note 1: The sealing plug of the ignition housing is hereafter referred to as "sealing plug" in this AD.

Note 2: BRP-Rotax ASB-912 i-007iS is hereafter referred to as "the ASB" in this AD.

Note 3: For the purpose of this AD, stator assemblies having Part Number (P/N) 685062, and having serial number (s/n) indicated in Alert Service Bulletin (ASB) ASB-912 i-007iS; and ignition housings having P/N 611594 (all s/n), if initially installed in service before 01 June 2016, are collectively referred to as "affected part" in this AD.

Note 4: For the purpose of this AD, an affected engine is an engine having a serial number (s/n) indicated in Alert Service Bulletin (ASB) ASB-912 i-007iS; or an engine, having any s/n, that on the effective date of this AD is equipped with an affected part (see Note 3 of this AD).

(1) For affected engines (see Note 4 of this AD): Within 10 flight hours or 2 months, whichever occurs first after the effective date of this AD, inspect the sealing plug in accordance with the instructions of the ASB.

(2) From the effective date of this AD, it is allowed to install an affected part on an engine, provided that, before next flight after installation, the sealing plug is inspected in accordance with the instructions of the ASB.

(3) If, during any inspection as required by paragraph (1) or (2) of this AD, as applicable, incorrect installation of a sealing plug is detected, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the ASB.



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