



XS Rotax 912/912S Exhaust Silencer – Baffle Failure

Classification: Mandatory

Applicability: XS Rotax 912/912S exhaust systems equipped with primary pipe ring seals (not ball and socket joints).

Compliance: Before next flight

Introduction

A failure of the internal baffles in the silencer of a Rotax 912 powered Europa has occurred after only a short period of engine running time. A failed baffle may cause power loss by restricting the exhaust gas flow through the silencer. The method of securing the baffles in the XS 912/912S exhaust systems may allow sufficient flexing to result in failure and will require rectification at the original manufacturer.

Action

Remove the exhaust system from the aircraft. (If the engine has been run, baffle failure may have occurred. Shaking the silencer may confirm that internal parts have become detached).

Please return the entire exhaust system (silencer, four down pipes and tail pipes) to Europa (UK or USA) for shipment back to the manufacturer. The internal baffles will be replaced and secured to the latest specification.

In addition to this work, we will take the opportunity to upgrade the spring securing system of the primary pipes to silencer, to the latest specification. Each silencer will be marked to identify that the Service Bulletin has been carried out. All this work will be carried out immediately upon receipt of the parts and will be returned directly to each owner.

In an effort to contain the not insignificant cost to carry out the work of this Service Bulletin, Europa will only be able to cover the cost of the return of your exhaust system only.