

RANS

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Operational Alert: 182

Date: July 14, 2017

Subject: Muffler Output Exit Pipe Cracking

Compliance: Mandatory

Models Affected: All S-6 with Rotax 912 series engines
All S-20 with Rotax 912 series engines with S-6 mufflers
(1 piece firewalls)

Some operators have reported cracks in the output pipe of the exhaust system. These have appeared on low time (under 200 hours) and high time (700 hours) exhaust canisters. These cracks can appear in the area shown in the photos, but are not isolated to these areas.

Please remove the top and bottom cowling and inspect your exhaust system thoroughly prior to the next flight. The use of a high intensity LED light will enhance the ability to see hairline cracks. Exhaust system inspection should be included in your annual condition inspection.

If you find cracking or want to take preventive measures, either return the exhaust canister to RANS or modify as per the photo and illustration below. There is no charge for the modification, however we ask you to pay shipping both ways.

Thank you for your attention to this matter. We apologize for any inconvenience this may have caused.

Fly fun, fly safe.

