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Sektion 2. Utlandstillverkad flygmateriel

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**TITEL:** Kontroll av "Exhaust Muffler"

**GÄLLER:** Alla versioner av Rotax 914 F med S/N 4,420.373, 4,420.374, 4,420.376, 4,420.378 t.o.m. 4,420.391, 4,420.393 t.o.m. 4,420.394, 4,420.396, 4,420.397 och 4,420.399 t.o.m. 4,420.406

Alla reservdelar "Exhaust Muffler" P/N 979402 med S/N 02.0001 t.o.m. 02.0322, 03.0002, 03.0005, 03.0011, 03.0015, 03.0017, 03.0028, 03.0029, 03.0037, 03.0038, 03.0040, 03.0050, 03.0069, 03.0072, 03.0073, 03.0078, 03.0080 t.o.m. 03.0086, 03.0088 t.o.m. 03.0090, 03.0092 t.o.m. 03.0101, 03.0103 och 03.0108.

**ÅTGÄRD:** Utför åtgärder enligt bifogad Austro control AD No. 117. Refererad Airworthiness Directive finns även tillgänglig på följande internetadress: <http://www.austrocontrol.co.at/austro/ita.html>.

**TID FÖR ÅTGÄRD:** Enligt Austro control AD 117.

**UNDERLAG:** Bombardier Rotax Alert Service Bulletin SB 914-028R1 daterad Augusti 2003

**REFERENS:** Austro control AD 117

**BESLUTSDATUM:** 12 september 2003

**LFS** 2003:115

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.  
Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

| Postadress        | Gatuadress  | Telefonnummer | Faxnummer    | Telegram               | Telex |
|-------------------|-------------|---------------|--------------|------------------------|-------|
| 601 79 NORRKÖPING | Vikboplan 7 | 011-19 20 00  | 011-19 25 75 | Civilair<br>Norrköping | 62450 |

## AIRWORTHINESS DIRECTIVE

No. 117

### Rotax 914 F-Series engines

1. Applicability:
  - a) Rotax 914 F Series engines with S/N 4,420.373, 4,420.374, 4,420.376, 4,420.378 up to 4,420.391 incl., 4,420.393, 4,420.394, 4,420.396, 4,420.397 and 4,420.399 up to 4,420.406 incl.
  - c) Exhaust Muffler Part No. 979402 with S/N 02.0001 up to S/N 02.0322 incl. and S/N 03.0002, 03.0005, 03.0011, 03.0015, 03.0017, 03.0028, 03.0029, 03.0037, 03.0038, 03.0040, 03.0050, 03.0069, 03.0072, 03.0073, 03.0078, 03.0080 up to 03.0086 incl. 03.0088 up to 03.0090 incl. 03.0092 up to 03.0101 incl., 03.0103 and 03.0108.
2. Subject: Inspection of the Exhaust Muffler Part No 979402 for possible existence of traces of smoke or cracks.
3. Reason: Occurrences of cracks in the exhaust muffler in the area of the exhaust flange were reported.
4. Action: Inspection of the exhaust muffler to be carried out within the compliance time.  
  
The technical information of Bombardier Rotax Alert Service Bulletin ASB-914-028 R1 are herewith part of this AD
5. Compliance:
  - a) inspection prior to next flight and thereafter at each daily check
  - b) in case of evidence of traces of smoke or a crack replace the subjected muffler with an Exhaust Muffler Part No 979402 but with a S/N 03.0109 or higher (these mufflers are produced with a modified welding procedure).
6. Accomplishment: The required actions have to be accomplished either by the manufacturer, or a licensed/qualified person/organisation, depending on national regulations. Accomplishment of the AD has to be confirmed in the aircraft log according to national regulations.
7. Effective Date: September 01, 2003