

# PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-047/2001

Datum vydání: 29. května 2001

## MOTOR - ZÁDRŽNÁ PRUŽINA VENTILU - VÝMĚNA

**Týká se:** motorů Rotax:

912 A výrobních čísel S/N 4,410.204 až 4,410.421 včetně

912 F výrobních čísel S/N 4,412.757 až 4,412.807 včetně, mimo 4,412.795

912 S výrobních čísel S/N 4,922.501 až 4,922.636 včetně, mimo 4,922.535, 4,922.553 a 4,922.578

914 F výrobních čísel S/N 4,420.039 až 4,420.253 včetně, mimo 4,420.049, 4,420.068, 4,420.083, 4,420.098, 4,420.115 a 4,420.156.

Dále se týká všech motorů které byly přestavěny na systém s jednou ventilovou pružinou, opravených nebo po generální opravě provedené podle Bombardier Rotax Service Instruction SI-14-1997.

**Důvod vydání:** byly objeveny případy prasknutí zádržné pružiny ventilu.

**Datum účinnosti:** 12. července 2001.

**Provést v termínech:** Jak je popsáno v AC AD 108-2001 od data účinnosti tohoto PZZ.

**Postup provedení prací:** Dle pokynů v AC AD 108-2001 (příloha tohoto PZZ).

*Poznámky: Provedení tohoto PZZ musí být zapsáno do motorové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát – Ing. Beneš. Pokud to vyžaduje povaha tohoto PZZ, musí být zpracováno do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě AC AD 108-2001.*

**Ing. Pavel MATOUŠEK**  
**Ředitel technického inspektorátu**  
**Úřad pro civilní letectví**

AIRWORTHINESS DIRECTIVE

No. 108

Replacement of Valve Spring Retainers on Single Valve Spring Configuration of Rotax 912 A/F/S Series and Rotax 914 F Series engines

### 1. Applicability:

Rotax 912 A Series engines, S/N 4,410.204 up to and incl. 4,410.421

Rotax 912 F Series engines, S/N 4,412.757 up to and incl. 4,412.807, excl. 4,412.795

Rotax 912 S Series engines, S/N 4,922.501 up to and incl. 4,922.636, excl. 4,922.535, 4,922.553 and 4,922.578

Rotax 914 F Series engines, S/N 4,420.039 up to and incl. 4,420.253, excl. 4,420.049, 4,420.068, 4,420.083, 4,420.098, 4,420.115 and 4,420.156

and any all engine that have been converted to a single valve spring configuration at engine repair/overhaul according Bombardier Rotax Service Instruction SI-14-1997

**2. Subject:** Replacement of Valve Spring Retainers on Single Valve Spring Configuration

**3. Reason:** During the operation certain cases of a fracture on Valve Spring Retainers were detected.

**4. Action:** Replacement of Valve Spring Retainers on Single Valve Spring Configuration have to be

carried out within the compliance time.

The technical informations of Bombardier Rotax Service Bulletins SB-912-022 and SB-914-011 are herewith part of this AD

**5. Compliance:**

- a) On new engines, which have not yet been operated, the replacement has to be performed prior to flight operation, but not Later than 01. August 2001
- b) Engines, which have been operated for not more than 10 flight hours, the replacement has to be performed prior to reaching 10 flight hours, but not Later than 01. August 2001
- c) Engines, which have been operated for more than 10 but not more than 25 flight hours, the replacement has to be performed at the 25-hours inspection but not later than 01. August 2001
- d) Engines, which have had opened the oil system during repair / maintenance, the replacement has to be Performed within the next 10 flight hours, but not Later than 01. August 2001
- e) Engines, which have already been operated for more than 25 flight hours (except those affected by action 5.d) the replacement has to be performed at the next 100 hours inspection, but not Later than 31. December 2001

**6. Accomplishment:** The required action has to be accomplished by the manufacturer or by a licensed/qualified person. An entry into the aircraft Log has to be done.

**7. Effective Date:** 25. April 2001