



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division
Airport Ruzyně, 160 08 Prague 6
Tel: 420 233320922, fax: 420 220562270

AIRWORTHINESS DIRECTIVE

Number: CAA-AD-082/2003

Date of issue: October 07, 2003

Bombardier Rotax GmbH & CoKG
912 A, 912 F, 912 S, 914 F

ENGINE – OIL DIPSTICK –REPLACEMENT

Applicability:

Rotax 912 A - series engines, S/N up to 4,410.606 incl.
Rotax 912 F - series engines, S/N up to 4,412.858 incl.
Rotax 912 S - series engines, S/N up to 4,922.971 incl.
Rotax 914 F - series engines, S/N up to 4,420.394 incl.

Effective date: upon receipt

Compliance: Required as indicated in AC AD 116/2003.

Remarks: The compliance of this AD must be recorded in Engine Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.

Ing. Pavel MATOUŠEK
director

Austro Control Austrian Aviation Administration

AIRWORTHINESS DIRECTIVE No. 116

Rotax 912 A/F/S-series
and Rotax 914 F-series engines

1. Applicability:

Rotax 912 A - series engines, S/N up to 4,410.606 incl.
Rotax 912 F - series engines, S/N up to 4,412.858 incl.
Rotax 912 S - series engines, S/N up to 4,922.971 incl.
Rotax 914 F - series engines, S/N up to 4,420.394 incl.

2. Subject:

Introduction of a new oil dipstick.

3. Reason:

Due to slower return flow of oil from the crankcase to the oil tank, caused by changed characteristics of approved oils, may result in an oil tank level below the defined minimum. This causes the induction of air into the oil-system, which then induces pressure pumps through the valve push-rods, resulting in a damage of the valve mechanism and probably in art engine stoppage.

4. Action:

Replace existing oil dipstick P/N 956150 by new one with P/N 956151 which raises the minimum oil level.

The technical information of Bombardier Rotax Service Bulletin SB-912-040R1 or SB-914-026R1, respectively, are herewith part of this AD.

5. Compliance:

At the next oil change, but not later than 01 November 2003

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 15, 2003