



Independent Rotax Maintenance Technician (iRMT) Rotax 912iS Service Course

Pre-Requisites:

1. General Knowledge of Rotax 4 stroke Aircraft Engines
2. General Knowledge Aircraft systems and terminology

Intended Audience:

Owner / Operator / Maintenance technicians seeking in-depth knowledge for the proper operation and Servicing of the Rotax 912iS Aircraft Engine.

Course fee includes copies of current *Operators, Line Maintenance, Heavy Maintenance* and *Parts manuals*
Due to the hands-on aspect the maximum class size is 10 persons.

3 Day course covering the following according to the Line Maintenance and Operators Manuals:

- Communications & Publications:
Locating and understanding information such as Operators Manuals, Maintenance Manuals & Service Information
- Breaking down the engine into systems allows understanding of the engine without being overwhelmed. Theory and discussion are balanced by lots of “hands-on” maintenance and troubleshooting of the following systems:
 - Fuel injection system
 - Ignition System
 - ECU (Engine Control Unit)
 - Cooling System
 - Lubrication System
 - Gearbox
 - BUDS diagnostic software
 - CAN Aerospace display
 - Airframe Fuel System requirements
 - Maintenance and troubleshooting issues

Examination:

Open book Written and practical examinations. 75% passing grade as well as full attendance is required for iRMT candidates. Non iRMT participants will receive Certificate of attendance.

Preparation:

- ❑ Participants should be prepared for hands-on work on engines and the use of diagnostic tools.
- ❑ Each participant must bring a laptop running Windows 7 or 8.
- ❑ All participants must perform the tasks; observers are not permitted.
- ❑ Some work is performed outside so appropriate clothing for the season is required.
- ❑ Discussion and constructive debate is encouraged and expected of the participants.

Conclusion:

A must for all everyone operating or maintaining the ROTAX 912iS series engines. At the end of this Line Maintenance course, the learner will understand the basic operational theory and maintenance requirements of Rotax 912iS Aircraft Engines.

- ❑ Certificate awarded for successful completion.
- ❑ 24 hours of initial, recurrent or update training.

Fees:

912iS Service Course \$ 750.00

Fees include necessary manuals. Applicable taxes are extra. Fees are Non-Refundable within 30 days of course dates and a \$100 cancellation fee (per course) applies if applicant cancels 30+ days of course date. Course seats can not be reserved without full payment. Travel and accommodation expenses are not included - you will need to make your own travel arrangements and a rental car may be necessary for local transportation.

Registration:

Advance registration is required. To register call 236-600-0137 or e-mail training@rotechflightsafety.ca. Include a credit card number or authorized purchase order number to confirm registration.

Location:

Courses are held at ROTECH MOTOR Ltd., 6235 Okanagan Landing Rd. Vernon, BC Canada.



ROTECH MOTOR LTD.

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