

Rotax Maintenance Technician (RMT)

Rotax 912 Series Service Course

Pre-Requisites:

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

Intended Audience:

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

2 Day course covering the following with reference 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:
 - Ignition System
 - Cooling System
 - Lubrication System
 - Fuel System
 - Carburetion
 - Gearbox
 - Instrumentation Systems
- Basic servicing including verifying oil level, checking of magnetic plug, performing an oil change, inspecting oil filter for contamination and purging of the oil system
- Checking propeller gearbox general condition and verifying friction torque.
- Carburetor Synchronization and needle adjustment.
- Differential compression tests.
- Inspections as per manufacturer's published maintenance schedules.
- Test run of engine.

Conclusion:

A must for everyone operating or maintaining the ROTAX 912 series engines!

At the end of this 2 day Servicing course, the learner will have gained basic proficiency and pre-requisite experience required to perform routine maintenance up to an Annual Inspection.

- Certificate of attendance awarded for successful completion.
- Eligibility to enter the RMT Maintenance Course.
- Serves as pre-requisite experience for engine type as listed in FAR 65.81.
- Serves as 16 hours of initial, recurrent or update training when and where applicable.

Rotax Maintenance Technician (RMT) Rotax 912 Series Maintenance Course

Pre-Requisites:

1. Completion of a Kodiak approved 912 Series Service course within the last 24 months
2. Experience maintaining Aircraft Piston Engines.

Intended Audience:

Maintenance Personnel seeking in-depth Maintenance information on Rotax 912 Series Aircraft Engines.

2 Day hands-on course covering the following with reference to the Rotax Line Maintenance & Heavy Maintenance Manuals:

- Detailed Maintenance issues, tips and tricks, and Removal and Replacement (LRU) of the following Systems or Components:
 - Cylinder Heads
 - Cylinders and pistons
 - Intake / exhaust system
 - Carburetors
 - Ignition system
 - Gearbox
 - Starter
 - Oil Pump
- Maintenance and troubleshooting issues
- Test run of engine including hands-on troubleshooting

Conclusion:

At the end of this 2 day Maintenance course, the learner will have gained basic proficiency and pre-requisite experience in exchanging components (LRU) and advanced troubleshooting.

- Certificate of attendance awarded for successful completion.
- **RMT** applicants are issued an **RMT** Certificate with Maintenance Rating.
- Eligibility to enter the RMT Heavy Maintenance Course (912 Series).
- Serves as pre-requisite experience for engine type as listed in FAR 65.81.
- Serves as 16 hours of initial, recurrent or update training when and where applicable.