



FLIGHT TRAINING CENTER

Remos G-3 600



Key Preflight Items

Check Fuel Drain

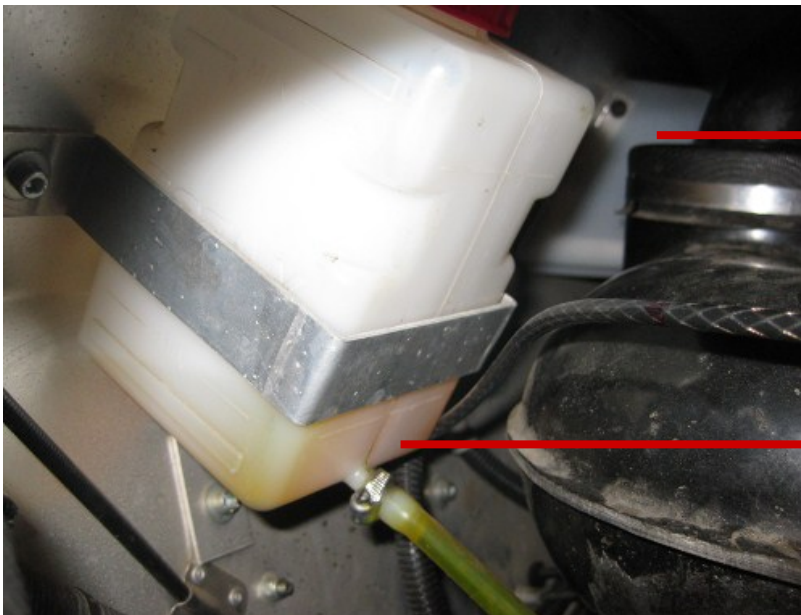
And Sump



Check Level Of The Engine Coolant



Check coolant level in cowling



MAX

MIN

Burping The Oil System

To check the oil level properly, you must burp the oil system.

First, open the oil inspection door.



Next, remove the cap from the oil sump.

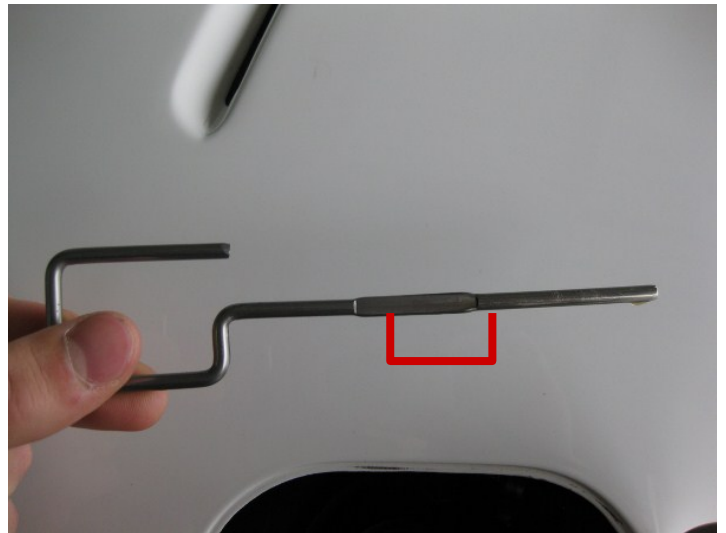


Then, rotate the prop in the direction of operating rotation 3 to 4 times. You will hear a burping noise coming from the oil sump.



ONLY turn the prop in the direction of operating rotation!!!

Lastly, you will pull out the dip stick to check the proper oil level.



Check Quick Fasteners



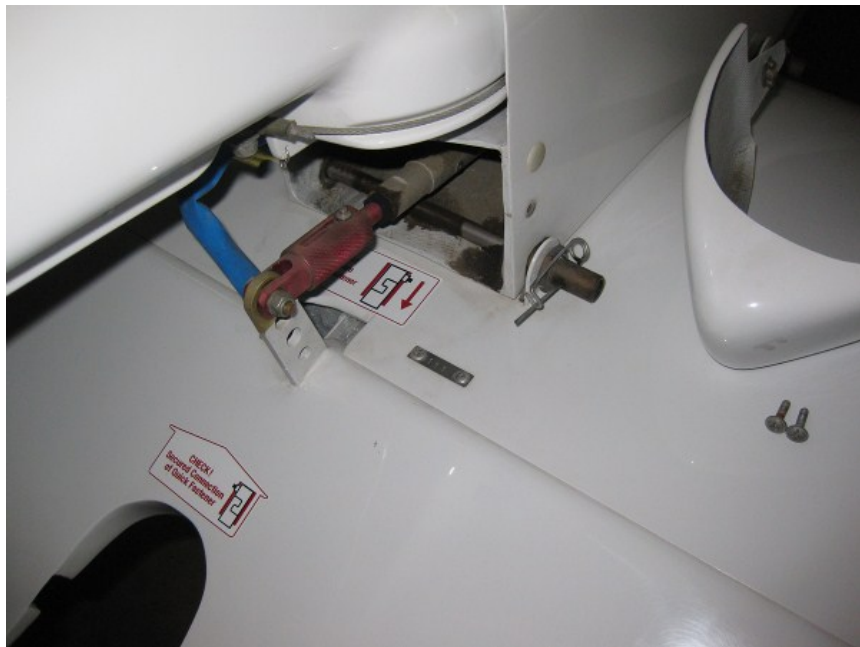
Check and make sure all three Quick Fasteners are properly secured. Two in Cabin and one in the tail cone.



Correct position for securing pin.



Incorrect position for securing pin.



You do not need to remove the cone to view the quick fastener. Just look through the opening in the top.

Cockpit Panel layout

2.7 Cockpit and basic equipment

Instruments and switches

Remark:

This illustration shows the basic equipment only.



- | | | |
|--|-------------------------------------|----------------------------------|
| 1. Airspeed Indicator | 10. <i>Optional throttle</i> | 22. Throttle lever |
| 2. <i>Reserved for alt. gyro</i> | 11. <i>Reserved for GPS</i> | 23. Charge indicator light |
| 3. Altimeter | 12. <i>Reserved for XPDR</i> | 24. Master switch |
| 4. Slip indicator | 13. <i>Reserved for radio</i> | 25. Ignition key / magneto check |
| 5. <i>Reserved for dir. gyro</i> | 14. <i>Reserved for Intercom</i> | 26. Avionics master switch |
| 6. Vertical speed indicator | 15. Manifold-/Outside temp. | 27. Circuit breakers |
| 7. Compass | 16. Fuel quantity gauge | |
| 8. Flydat (refer to page 19) | 17. <i>Reserved for add. gauges</i> | |
| 9. <i>Opt. oil cooler flap control</i> | 18. <i>Reserved for RS-232 con.</i> | |
| | 19. Trim/Flap control switch | |
| | 20. Device switches | |
| | 21. Trim and Flap indicators | |
| | 22. Throttle lever | |
| | 23. Charge indicator light | |
| | 24. Master switch | |
| | 25. Ignition key / magneto check | |
| | 26. Avionics master switch | |
| | 27. Circuit breakers | |

REMOS G-3600

Flydat Gauges

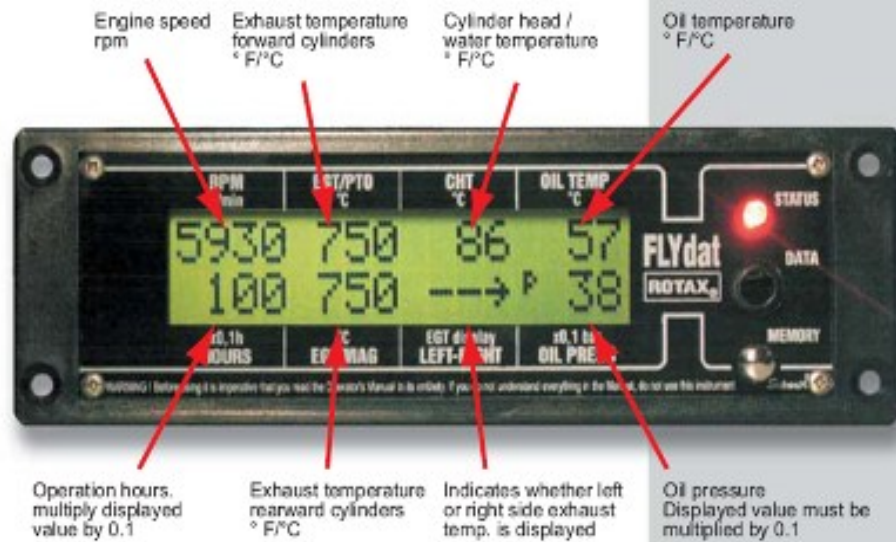
2.9 Engine control gauges (Rotax Flydat)

The **Rotax Flydat** provides the following engine gauges:

- Engine speed gauge
- Operation hour gauge
- Exhaust temperature gauge
- Water temperature gauge
- Oil temperature gauge
- Oil pressure gauge

Illustration below:

An special placard on the panel shows the limits for rpm, oil- and water temperature, oil pressure and exhaust temperature. For further information please refer to the Rotax user manual.



RPM 5800/6000	EGT 1600/1650°F	CHT 300/320°F	OIL-T 280/300°F
Warning-Limit/ Alarm-Limit	EGT 1600/1650°F		OIL-P max. 72/105 min. 29/32

REMOS G-3 600

The Rotax Flydat gauge provides us with the aircrafts engine information.

Common Requirement Questions

61.305 What are the age and language requirements for a sport pilot certificate?

(a) To be eligible for a sport pilot certificate you must:

(1) Be at least 17 years old (or 16 years old if you are applying to operate a glider or balloon).

(2) Be able to read, speak, write, and understand English. If you cannot read, speak, write, and understand English because of medical reasons, the FAA may place limits on your certificate as are necessary for the safe operation of light-sport aircraft.

§ 61.307 What tests do I have to take to obtain a sport pilot certificate?

To obtain a sport pilot certificate, you must pass the following tests:

(a) *Knowledge test.* You must pass a knowledge test on the applicable aeronautical knowledge areas listed in §61.309. Before you may take the knowledge test for a sport pilot certificate, you must receive a logbook endorsement from the authorized instructor who trained you or reviewed and evaluated your home-study course on the aeronautical knowledge areas listed in §61.309 certifying you are prepared for the test.

(b) *Practical test.* You must pass a practical test on the applicable areas of operation listed in §§61.309 and 61.311. Before you may take the practical test for a sport pilot certificate, you must receive a logbook endorsement from the authorized instructor who provided you with flight training on the areas of operation specified in §§61.309 and 61.311 in preparation for the practical test. This endorsement certifies that you meet the applicable aeronautical knowledge and experience requirements and are prepared for the practical test.

§ 61.309 What aeronautical knowledge must I have to apply for a sport pilot certificate?

To apply for a sport pilot certificate you must receive and log ground training from an authorized instructor or complete a home-study course on the applicable aeronautical knowledge areas:

§ 61.311 What flight proficiency requirements must I meet to apply for a sport pilot certificate?

To apply for a sport pilot certificate you must receive and log ground and flight training from an authorized instructor on the applicable areas of operation, as appropriate, for airplane single-engine land privileges:

Minimum Aeronautical experience you must have to apply for a sport pilot certificate

20 hours of flight time, including at least 15 hours of flight training from an authorized instructor in a single-engine airplane and at least 5 hours of solo flight training in the areas of operation listed in §61.311,

- i) 2 hours of cross-country flight training,
- (ii) 10 takeoffs and landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport,
- (iii) One solo cross-country flight of at least 75 nautical miles total distance, with a full-stop landing at a minimum of two points and one segment of the flight consisting of a straight-line distance of at least 25 nautical miles between the takeoff and landing locations, and
- (iv) 2 hours of flight training with an authorized instructor on those areas of operation specified in §61.311 in preparation for the practical test within the preceding 2 calendar months from the month of the test.

MEDICAL REQUIRMENTS

FAR 61.303(b) A person using a U.S. driver's license to meet the requirements of this paragraph must-

- (1) Comply with each restriction and limitation imposed by that person's U.S. driver's license and any judicial or administrative order applying to the operation of a motor vehicle;
- (2) Have been found eligible for the issuance of at least a third-class airman medical certificate at the time of his or her most recent application (if the person has applied for a medical certificate);
- (3) Not have had his or her most recently issued medical certificate (if the person has held a medical certificate) suspended or revoked or most recent Authorization for a Special Issuance of a Medical Certificate withdrawn; and
- (4) Not know or have reason to know of any medical condition that would make that person unable to operate a light-sport aircraft in a safe manner.