

III.2. Daily inspections

Prior to flight operations the following visual exterior checks have to be performed (see also pg. 22):
First ensure ignition and main switch are off.

1. Engine

- Check the prop blades for cracks and dents and proper installation (radial play up to 1.5° permitted)
- Remove cowling
- Check oil quantity min. 1.75 ltr, max. 3.5 ltr. (min. 1.85 qts., max. 3.7 qts.) view page 10
- Visually inspect the engine
- Install cowling

Note: For further details refer to Prop and Engine manuals.

2. Gear

- Tire pressure (main and tailwheel 2.5 bar; 36.26 psi ea.)
- Check slip marks, tire condition and fairings

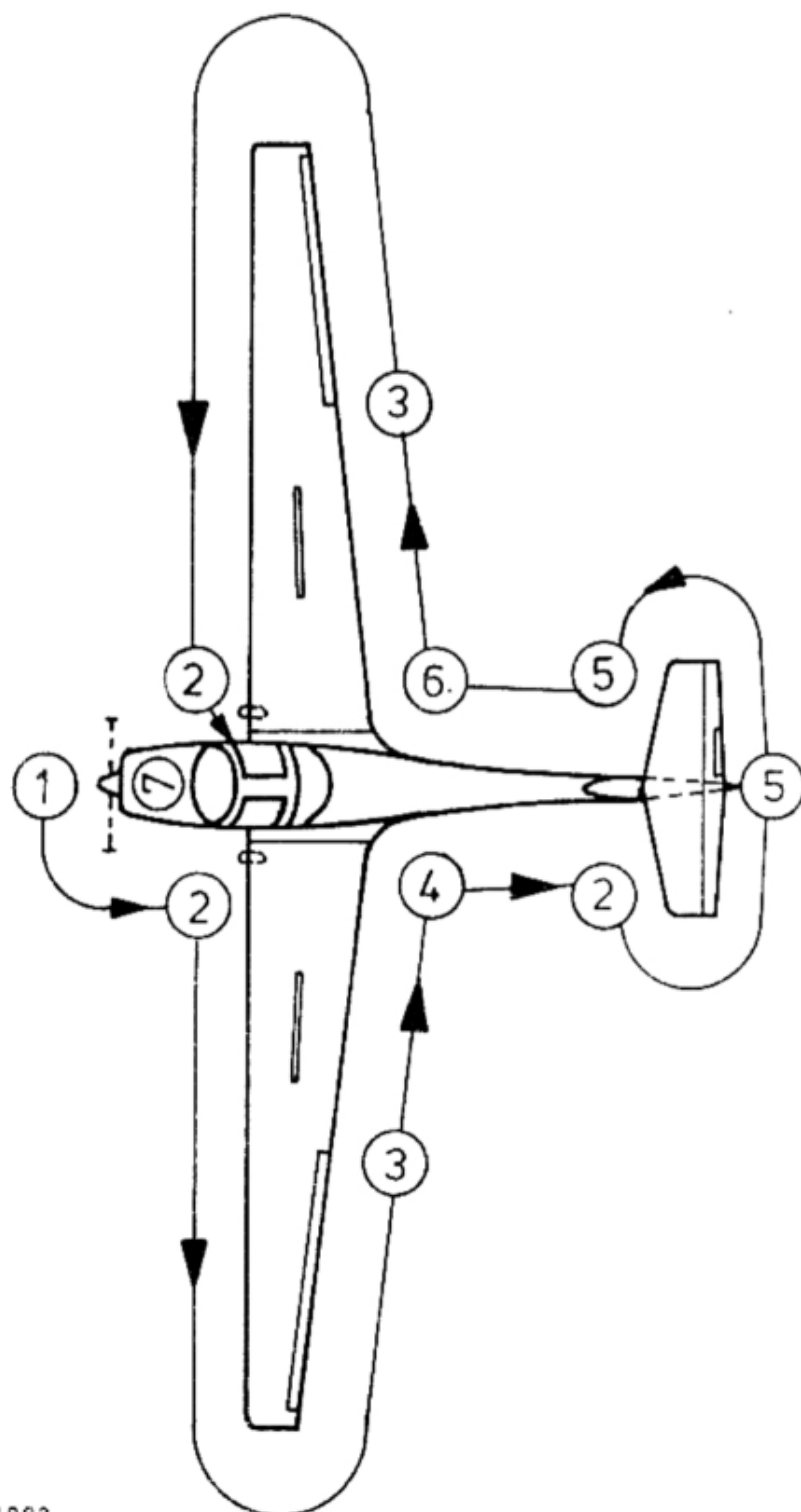
3. Wings

- Condition
- Attachment
- Airbrakes
- Aileron play and freedom of movement

4. Tank and wing connections

- Drain by pressing the drain valve located at the bottom of the fuselage
- Check fuel quantity through tank filler neck
- Mainbolt, nosebolt and existing electrical connections-check

The last step is performed through the inspection plate in the fuselage-wing-fairing.



5. Tail unit

- Proper installation
- Securely locked
- Control connections locked
- Freedom of movement
- Damage
- Pitot pressure tube (vertical fin) checked,
cover remove

6. Fuselage

- Damage

7. Cockpit

- Folding doors and locking mechanism checked and,
if necessary, cleaned
- Check for loose items in the cockpit.

III.3. Preflight inspection

1. Daily inspection completed?
2. Oil and fuel quantity
Oil level stick can be reached through maintenance
cover in the engine cowling.
To refill oil the upper cowling has to be removed.
3. Weight and balance calculation (See load table at
page 18)