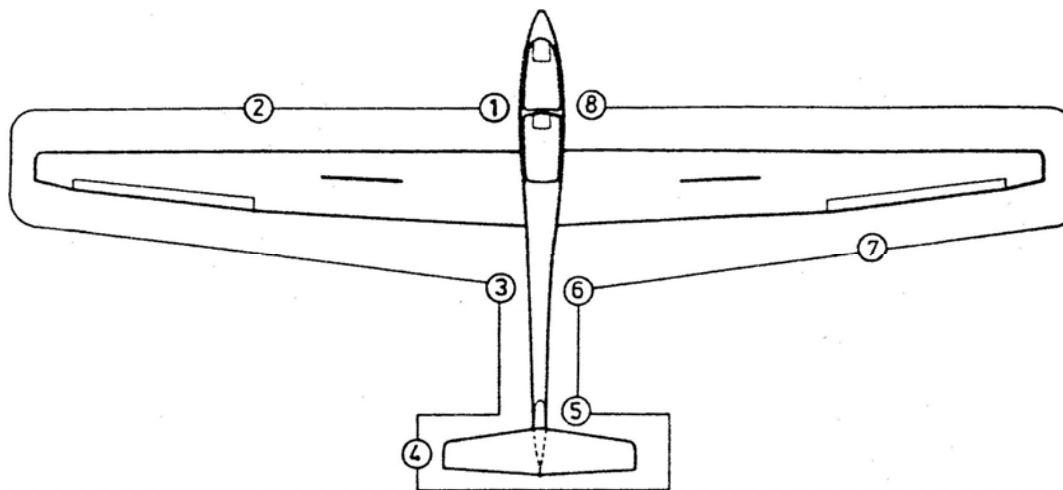


Grob 103 Twin II – Daily Preflight Inspection

-to be completed before glider is moved from hangar area-



Preflight Inspection Checkpoints

1. Open both canopies; check condition, yaw strings, locking mechanisms & hinges.
 Check that the 4 wing fasteners inside the fuselage are locked.
 Check the 4 air brake & aileron Hotellier connections; ensure proper hook-up & safety locks are in position.
 Visually check all controls inside the cockpit, front & back.
 Check all instruments, front & back.
 Check all required paperwork/placards/manuals are present:
 Airworthiness Certificate/Registration Operational Limits
 BOTH: Flight & Maintenance Manual Weight/Balance
 Check for foreign bodies inside the fuselage & cockpit, front & back.
 Check belts are anchored secure, assembled correctly & release is functioning, front & back.
 Test controls, airbrakes & trim for full & free movement, front & back.
 Check functioning of releases & wheel brake, front & back.
 Check oxygen system.
 Check fairing, main wheel condition & pressure (36 - 40 PSI).
 Check condition & pressure of the front wheel (36 PSI).
 Check condition of both tow hooks.
2. Check top/bottom of left wing for damage, sight leading/trailing edge.
 Gently shake wing to check for internal damage.
 Check ailerons for condition, freedom of movement & play.
 Check airbrakes for condition, locking & fit.
3. Check fuselage for damage, especially on the underside.
4. Check tail unit for correct assembly & that safety lock is in position.
 Gently shake tail's horizontal stabilizer to check for internal damage/attachment.
 Gently shake tail's vertical stabilizer to check for internal tail boom damage.
 Check rudder for condition, freedom of movement & play.
 Check elevator for condition, freedom of movement & play.
5. Check condition and pressure of the tail wheel (36 PSI).
6. Check that the pitot tube, total energy venturi & static vents are clean & anchored secure.
7. Check top/bottom of right wing for damage, sight leading/trailing edge.
 Gently shake wing to check for internal damage.
 Check ailerons for condition, freedom of movement and play.
 Check airbrakes for condition, locking and fit.
8. Check static vents (marked by red circles).
9. Positive control check with the help of another person.

Inspected by _____

Date _____

(Deliver to ops officer before first flight.)