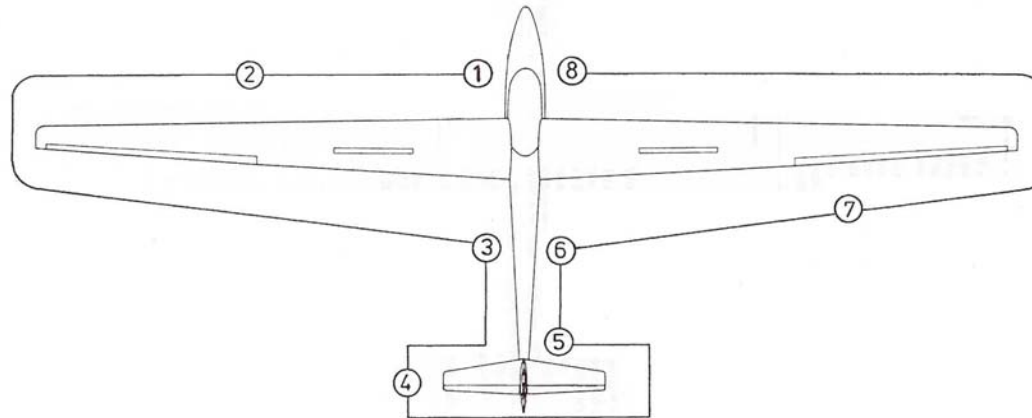


Glasflügel Standard Libelle 201 B – Daily Preflight Inspection

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



Preflight Inspection Checkpoints

1. Open canopy; check condition, yaw string, locking & ventilation mechanism, rear bolts secure.
 Check that the main spar bolt is secure and safetied.
 Check that the aileron controls are connected and safetied.
 Visually check all controls inside the cockpit.
 Check all instruments.
 Check all required paperwork/placards/manuals are present:
 Airworthiness Certificate/Registration Operational Limits
 Flight & Maintenance Manual Weight/Balance
 Check for foreign bodies inside the fuselage & cockpit.
 Check belts are anchored secure, assembled correctly & release is functioning, tie-down & emergency gear stowed safely.
 Test controls, airbrakes & trim for full & free movement.
 Check functioning of tow release & wheel brake.
 Check rudder pedal position adjustment is secure.
 Check oxygen system.
 Check that tap of water filler hose is secure; water dump valve has to be OPEN if no water ballast is used.
 Check main wheel condition and pressure (37/44 PSI with water).
 Check the two hinges of both gear doors.
 Check wheel well, condition & attachment of gear door return bungee.
 Check condition of both tow hooks.
2. Check top/bottom of left wing for damage, sight leading/trailing edge.
 Tip wheel: rotates, secure.
 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 locks are in position.
 Gently shake tail's horizontal stabilizers - left & right - 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 of the tail wheel; rotates, secure.
6. Check that the pitot tube, total energy venturi & static vents are clean, straight & secure.
 Check static vents in rear fuselage.
7. Check top/bottom of right wing for damage, sight leading/trailing edge.
 Tip wheel: rotates, secure.
 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. Positive control check with the help of another person.

Inspected by _____

Date _____

(Deliver to ops officer before first flight.)