



### **Preflight Inspection Checklist for SGS-2-33**

- Remove rudder locks, aileron locks and pitot tube covers
  - ✓ If glider is tied down do not untie it
- Front Seat
  - ✓ Canopy latches & plastic
  - ✓ Instruments
  - ✓ Stick & rudder movement
  - ✓ Rudder cable connections & anchor bolts
  - ✓ Release cable connections & bolts
  - ✓ Seat belts, straps & anchors
  - ✓ Open spoilers
  - ✓ Close canopy
- Rear Seat
  - ✓ Door latches & plastic
  - ✓ Stick & rudder movement
  - ✓ Release mechanism
- Remove rear panel
  - ✓ Seat belts, straps & anchors
  - ✓ Wing bolts & pins
  - ✓ Aileron pushrod bolts & pins
  - ✓ Spoiler pushrod bolts & pins
  - ✓ Aileron & rudder cables
  - ✓ Re-install rear panel
- Right Wing
  - ✓ Wing strut bolts & pins
  - ✓ Dive break bolts, pins, hinges & linkage
  - ✓ Wing lower surface for damage & loose rivets
  - ✓ Wing tip spring & wheel
  - ✓ Aileron movement, hinges, pushrod bolt & pin
  - ✓ Linkage inside inspection cover
  - ✓ Wing upper surface for damage & loose rivets
  - ✓ Upper spoiler bolts, pins, hinges & linkage
- Right Fuselage
  - ✓ Tire inflation
  - ✓ Fuselage skin fabric

- Rudder
  - ✓ Free movement from stop to stop
  - ✓ Cable connections
  - ✓ Attachment point bolts
  - ✓ Skin fabric
- Elevator
  - ✓ Right strut, pins & bolts
  - ✓ Pushrod bolts & pins
  - ✓ Attachment point bolts & pins
  - ✓ Horizontal stabilizer attachment bolts
  - ✓ Left strut, pins & bolts
  - ✓ Skin fabric
  - ✓ Elevator linkage inside inspection cover
- Left Fuselage
  - ✓ Fuselage skin fabric
- Left Wing
  - ✓ Wing upper surface for damage & loose rivets
  - ✓ Upper spoiler bolts, pins, hinges & linkage
  - ✓ Aileron movement, hinges, pushrod bolt & pin
  - ✓ Linkage inside inspection cover
  - ✓ Wing tip spring & wheel
  - ✓ Wing lower surface for damage & loose rivets
  - ✓ Dive break bolts, pins, hinges & linkage
  - ✓ Wing strut bolts & pins
- Nose Skid
  - ✓ Secure
  - ✓ Rubber shock mounts
  - ✓ Steel plate
  - ✓ If glider is tied down it can now be untied

#### ***Notes:***

**Do not leave canopy open when performing inspection.**  
**When inspecting linkage, bolts, pins & hinges check for free movement, rust and security. Make sure that all castellated nuts have safety pins and Nylock\* nuts are secure. Always do inspection in sequence without interruption.**

Tools needed are flashlight and common screwdriver.

\* If a Nylock nut is removed it must be replaced with a new one. Do not reuse it.