

Sailplane / SGS 2-32 Preflight Checklist
v 10/04/2006

Aircraft from distance looks correct

Tie downs removed

All control locks removed – airframe

Cockpit

Instruments and Radio

Radio on and set to CTAF

Altimeter set to local elevation

All instruments read as expected

All control locks removed – cockpit (front and rear)

Documents present

Airworthiness

Registration

Operating Limits

Weight and Balance

Safety belts and shoulder harnesses

Canopy hinge – emergency release mechanism secure

Main wing carry-through pins and rear carry-through wing-fuselage pins

Aileron pins and automatic dive brake connections

Control stick securely attached (front and back)

Test controls – surfaces move correct direction

Stick – aileron

Stick – stabilator

Pedals – rudder

Dive break lever – dive break

Dive break lever – wheel break

(Repeat for rear controls)

Positive Control Check

aileron

dive break

stabilator

rudder

Nose

Pitot and Static tubes free of debris

Release hook – release mechanism works

Nose wheel inflated, turns freely

Main wheel inflated

Starboard Wing

Aileron moves freely

Aileron hinges (3)

Cauter pins

Aileron push rod

Wing attach pins

Aileron pins and dive brake connections

Dive brake

Fabric

Skins

Tip wheel: present and in good condition

General appearance

Check rivets

Fuselage - starboard

In good condition, including underside

Empennage

Rudder hinges

Cauter pins

Rudder moves fully and freely

Tail wheel

Stabilator attach and pushrod

Stabilator taper pins

Stabilator moves fully and freely

Remove inspection plate and check stabilator and rudder mechanisms

General appearance

Port Wing

Aileron moves freely

Aileron hinges (3)

Cauter pins

Aileron push rod

Wing attach pins

Aileron pins and dive brake connections

Dive brake

Fabric

Skins

Tip wheel: present and in good condition

General appearance

Check rivets

Fuselage – port

In good condition, including underside

Wheel brake mechanism

Weight and Balance

Check weight

Check balance

Add or remove ballast as necessary

Cockpit free of clutter, loose objects (front and back)

Canopy Clean