

SGS 1-34 N134BC
Characteristics and Checklists

V-Speed	Miles/hour
Vs (stall)	36
Vm (min sink)	49
Vbg (best glide)	55
V (approach)	55
Va (maneuvering)	83
Vne (never exceed)	135

Preflight (Cockpit)

1. Check wing fasteners.
2. Oxygen on, pressure ok, if needed.
3. Check battery voltage.
4. Adjust seat.
5. Adjust rudder pedals.
6. Weight and balance ok? (<228 lbs., some weight on skid).
7. Positive control and airbrake check.
8. Latch canopy.

Preflight (External)

1. Tire: wear, security, and inflation (31 psi).
2. Nose skid: condition and security.
3. Release hook.
4. Pitot tube, TE probe, and static vents.
5. Left wing: damage, frost, aileron, airbrake, tape.
6. Elevator and rudder: frost, damage, travel, and security.
7. Elevator bolts and locking pins.
8. Tail wheel.
9. Right wing: damage, frost, airbrake, aileron, tape.

Pre-takeoff

1. Straps tight, rudder pedal position ok.
2. Trim forward.
3. Altimeter set, vario and radio on and set.
4. Oxygen on, if needed.
5. Controls checked.
6. Tow rope ok, correct link, release tested.
7. Airbrakes closed and locked.
8. Wind direction and rope break plan.
9. Traffic clear.
10. Canopy closed and latched.
11. Start timer.

Landing

1. Wind Direction
2. Undercarriage DOWN
3. Straps – Tight
4. Trim – Set to Approach Speed
5. Airbrakes & Airspeed – Check
6. Look Out – Traffic
7. Emergency Plan – Sink, Wind, Traffic

Tie Down

1. Nose, wings and tail tied down.
2. Rudder and aileron locks on.
3. Pitot and TE probe covers on.
4. Stick tied forward.
5. Oxygen tank shut off.
6. Aircraft log entry.
7. Radio and vario off.
8. Battery charger connected and on, in shack.
9. Canopy latched.
10. Canopy cover on.

Derigging

1. Apply fuselage and right-wing stands.
2. Remove canopy and turtle deck cover.
3. Remove horizontal stabilizers.
4. Disconnect ailerons, pull out six wing pins.
5. Remove left wing, then right wing.
6. Roll fuselage onto tilted trailer.
7. Secure hold down bar and then tail.
8. Replace turtle deck and covered canopy.
9. Apply tennis balls and other packing.
10. Level trailer, load and secure wings.

Required Documents

1. Aircraft Registration
2. Aircraft Airworthiness Certificate
3. Aircraft Handbook
4. SSB Billing Flight Log
5. Current Weight & Balance
6. Current Equipment List
7. Aircraft Checklists
8. SSB Aircraft Squawk Book

This checklist is provided for your convenience. The list may contain errors and missing data. Nothing in this checklist should take the place of common sense or piloting skills.

DO NOT REMOVE THIS CHECKLIST FROM THE AIRCRAFT