
NSA Schweizer SGS 2-32 N697U Information Sheet

Pilots are encouraged to read the Flight Manual themselves.
The following summary information comes from the Flight Manual and other documents.

Special Notes

[1] Solo flight is from front seat only.

[2] This is a Schweizer aircraft (USA) and airspeeds are in MPH.

[3] This aircraft spins easily. Spin recover requires that the stick be pushed forward of neutral.

Simple relaxation of stick is not sufficient for recovery !!

Takeoff Procedure

This is a heavy aircraft that requires a greater than normal airspeed before initiating rotation.

Achieve IAS 45 – 50 prior to rotation.

Aero Tow Procedure

IAS 60 minimum

IAS 70-80 recommended (~ 70 kts)

Landing Procedure

This is a heavy aircraft that loses speed quickly during the landing flare. Maintain full approach speed (~ 70 MPH) plus wind addition until the flare and do not flare too high.

Critical Airspeeds

	Maximum Aircraft Weight (1430 Lbs)
Stall Speed	47
Minimum Sink	54
Best L/D	67
Thermalling @ 45 Bank	60
Minimum Approach Speed	70
Maneuvering Speed	98
Max Aero Tow	110
Maximum Speed (Spoilers Open)	140
Maximum Speed (Spoilers Closed)	140

W&B Information

Maximum T/O Weight 1430 Lbs

Empty Weight 965 Lbs

Maximum Payload 465 Lbs

Solo flight is from the front seat.

Maximum solo Front Seat Wgt. is 287 Lbs.

Minimum solo Front Seat Wgt. is 171 Lbs.

See W&B Diagram on next page.

Vertical axis is weight in the front seat.

Horizontal axis is weight in the rear seat. Horizontal axis starts at "0" which is solo front seat.

For a front seat weight of 210 Lbs or less, rear seat may be loaded up to the Maximum Payload (465 Lbs).

For a front seat weight greater than 210 Lbs the forward C.G. limit is controlling; consult W&B Diagram.

N697U W & B Diagram

(Each tick mark is 5 Lbs.)

