

BGA glider data sheet - SF(H) 34 & SNC 34 C

Data source: Flight Manual

Date of issue: 1984

Manufacturer: Scheibe Flugzeugbau, August-Pfaltz, Str.23, 8060 Dachau bei München (SF 34)

And SNC (Society New Centrair) (SNC 34 C)

UK Agent:

Web site:

Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight (dry)	540	1190
BGA concession non-aerobatic max weight (dry) [+3%]	556	1226
Max weight of non lifting components (everything except wings)	370	816
BGA concession non-aerobatic max weight of non lifting components [+5%]	389	856
Max pilot weight (seat load)	110	242

mm Inches

Forward C of G limit (aft of datum)	199	7.8
Aft C of G limit (aft) SF 34	367*	14.4*
Aft C of G limit (aft) SNC 34 C	350	13.78
Front pilot position (forward of datum)	1050	41.0
Rear pilot position (forward of datum)	20	0.8

Control deflections in mm

	Up	Down	Distance - hinge to measuring point	
Ailerons	90 ±10	40 ±5	170	
Elevator	80 ±8	80 ±8	210	
Airbrakes	150 Min	40±5	Inboard ends	
Rudder	Left 305 ±15	Right 305 ±15	528	

	Moment limits	Mass limits
Elevator	5,1/6,72 kgcm	1,15/1,51 Kg
Rudder	16,72/21,28 kgcm	4,84/6,16 Kg
Ailerons	9,42/11,98 kgcm	1,98/2,52 Kg

*Changed by TN 336-8

Longitudinal datum: Wing root LE

Horizontal datum: Rear fuselage top horizontal

Maximum speeds

	Knots	Kph
VNE	135	250
Rough air	93	172
Manoeuvre	93	172

	Knots	Kph
Aerotow	93	172
Winch / auto tow	65	120
Airbrakes open		

VNE at altitude	

Max winch weak link: 600 (Blue)

Tyre pressure: Front 36 psi (2,5 Bar) Main 43 psi (3 Bar)

Semi aerobatic, cloud flying permitted.

Notes: -

This sheet compiled by: Tim Macfadyen

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