

BGA glider data sheet - SD-3 & SD-3-15T

Data source: BGA data sheet

Date of issue:

Manufacturer: Swales Developments

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight SD-3 (13.5 meters)	333	735
BGA concession non-aerobatic max weight (SD-3) [+3%]	343	757
Max weight SD-3-15 (15 meters)	349	770
BGA concession non-aerobatic max weight (SD-3-15) [+3%]	360	793
Max pilot weight (seat load)		
	mm	Inches
Forward C of G limit (aft of datum)	175	6.9
Aft C of G limit (aft of datum)	314	12.35
Pilot position (forward)		

Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons				
Elevator				
Rudder				

Longitudinal datum: Wing root LE

Horizontal datum:

Maximum speeds

	Knots	Kph
VNE	116	215
Rough air	75	139
Manoeuvre		

	Knots	Kph
Aerotow	75	139
Winch / auto tow	65	120
Airbrakes open		

Max winch weak link: 600 kg (Blue)

Tyre pressure: Main psi (Bar)

Semi aerobatic, cloud flying permitted

These all-metal gliders are developments of the BG135 Gypsy.

The SD-3-13V is 13.5 M span & has a V tail. The SD-3-15 is 15 M span. The SD-3-15T has a T tail.

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