

# BGA glider data sheet - Wassmer WA 26P - Squale

Data source: Manufacturer's Manuals

Date of issue: 1974

Manufacturer: Wassmer (France)

Link to mandatory mods:

## Weighing Data:

	Kg	Pounds
Max weight	378	833
Max weight of non lifting components (everything except wings)		
BGA concession non-aerobatic max weight of non lifting components [+5%]		
Max pilot weight (seat load)	110	242

mm      Inches

Forward C of G limit (aft of datum)	350	13.78
Aft C of G limit (aft of datum)	490	19.29
Light pilot position (forward)	650	25.59
Heavy pilot position (forward)	740	29.13

## Control deflections in mm (unless otherwise stated)

	Up	Down	Measuring point	Mass balance C of G aft of hinge
Ailerons	112 ± 8	37 ± 4	Root TE	46 ± 5
Tailplane	18° ± 1½°	7° ± 1°		60 ± 5*
Trim	4° 20' ± 1°	8° 50' ± 1½°		
Rudder	Left & right 200 ± 20		Bottom TE	6 - 13 **
Airbrakes	200 ± 20 wheel brake off 240 ± 20 wheel brake on		Root TE	

\*All moving TP with tabs

\*\*Rudder mass 4060 - 4220 grams

Longitudinal datum: Wing root LE

Horizontal datum: Tailplane bottom fairing horizontal?

7 Kg (15.4 lb) nose ballast is 1650 mm (65 inches) forward of datum.

## Maximum speeds

	Knots	Kph
VNE	121	225
Rough air	86	160
Manoeuvre	86	160
Aerotow	75	140

	Knots	Kph
Winch / auto tow	65	120
U/C down	75	140
Airbrakes open	121	225
Closing airbrakes	92	170

Max winch weak link: 600 Kg (Blue)

Tyre pressure: 23psi (1.6 bar)

Non aerobatic, no voluntary spinning, cloud flying permitted.

### Notes: -

15 meter span

French "Fiche de Navigabite" number 123

This sheet compiled by: Tim Macfadyen      Date: 17 October 2002