

BGA glider data sheet - Kestrel 22 (T.59 H & J)

Data source: BGA Data

Manufacturer: Slingsby Sailplanes Phone: 01751 432474

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Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight with water	658	1450
Max weight dry (& max landing weight)	555	1225
Max pilot weight (seat load)		
Max water		

mm Inches

Forward C of G limit (aft of datum)	343	13.5
Aft C of G limit (aft of datum)	419	16.5
Pilot position (forward of datum)	437	17.2

Control deflections

	Up	Down	Measuring point	Max free play
Elevator				
Airbrakes				
Rudder				
Anti balance tab				
	Flaps		Ailerons	
Flaps -2				
Flaps 0				
Flaps +2				
Landing flap & +2				

Longitudinal datum: Wing root LE 500mm from the fuselage centre

Horizontal datum: Rear fuselage top 2.5 degrees tail down

Maximum speeds

	Knots	Kph
VNE (Flaps -2 or -1)	108	200
Rough air	105	195
Aerotow	81	150
Winch / auto tow	70	130
Gear down	105	195

	Knots	Kph
Airbrakes open	108	200
Flaps 0 & +1	100	185
Flaps + 2	70	130
½ Landing flap	70	130
Landing Flap	65	120

Max winch weak link:

Tyre pressure: Main wheel 40 - 45 PSI Tail wheel 17 PSI

Aerobatics prohibited. Cloud flying permitted

Notes: -

These gliders are EASA "Annex 2", their airworthiness procedures are thus controlled by the BGA under the "old" system. They are BGA permit to fly only, no C of A has been issued.

One T.59H exists, BGA No 2470 and one T.59J, BGA 2481.