

BGA glider data sheet - Kranich III

Data source: The world's Sailplanes Vol 1 & LBA

Date of issue: 12 May 1986

Manufacturer: Folke-Wulf GmbH, Hunefeldstrasse 1-5, Bremen-Flughafen 2800, Germany

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight (dry)	520	1146
Max weight of non lifting components (everything except wings)	345	761
BGA concession non-aerobatic max weight of non lifting components [+5%]		
Max pilot weight (seat load)		

mm Inches

Forward C of G limit (aft of datum)	688	27.1
Aft C of G limit (aft of datum)	818	32.2
Front pilot position (forward)	330	13
Rear pilot position (aft of datum)	965	38

Longitudinal datum: Wing root LE at rib 2

Horizontal datum: Rear fuselage horizontal

Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	170 ±20	50 ±10	405	
Elevator	135 ±10	135 ±10	325	
Trim				
Rudder	Left & right 550 ± 30		1050	

Maximum speeds

	Knots	Kph
VNE	100	185
Rough air	70	130

	Knots	Kph
Aerotow	70	130
Winch / auto tow	54	100

Max winch weak link: 850 Kg (Brown)

Tyre pressure: Main psi (Bar), rear psi (bar)

Non aerobatic. Cloud flying not permitted. (Designed to German BVS 2)

This sheet compiled by: Tim Macfadyen Date: 19 July 2004