

BGA glider data sheet - Blanik (L-13)

Data source: Manufacturers' manual Revision 2

Date of issue: 14 1 21

Original Manufacturer: OLET The Czech Republic

TC Holder Blanik Aircraft CZ s.r.o. Beranových 65, 199 00 Praha 9, Letňany, Czech Republic

Web site www.blanik.aero

Weighing Data:

	Kg	Pounds
Max all up weight	500	1102
Max weight of non-lifting parts	355	783
Note, these weight limits can't be increased by BGA concessions because the glider has been reduced to "Utility" category by the EASA so can't be further reduced.		

mm

Forward C of G limit (aft of datum)	112
Aft C of G limit (aft of datum)	300
Front pilot position (forward of datum)	1234
Rear pilot position (forward of datum)	114

Longitudinal datum: Wing LE at root

Horizontal datum: Line on fuselage side between datum points. Top of rear fuselage tail down 1000:51

Control deflections in degrees

	Up	Down	Max total free play with control locked
Ailerons	34°±2°	13°±2°	
Elevator	32°±2°	25°±1°	2mm at stick top
Trim	12°±1°	35°±1°	
Rudder	30°±1° left & right		3mm at pedals
Flaps	8°±1° down		2mm at flap lever

Maximum speeds

	Knots	Kph
VNE	136	253
Rough air	78	145
Manoeuvre	78	145
U/C Down	129	240

	Knots	Kph
Aerotow	76	140
Flaps down	60	110
Winch / auto tow (flaps down)	60	110
Winch / auto tow (flaps up)	65	120

Max winch weak link: 6300 N Tost Blue

Tyre pressure: 37 psi (2.5 bar)

Reduced to Utility category, by Flight Manual revision Do-L13-1111.6 Revision 2

Stalls, Spins, Side Slips & Cloud flying permitted but aerobatics not permitted.

Notes: -

Modification as per Mandatory Bulletin L13/117a initial issue (covering Major Change TDC-002-L13-BL) or its further approved revisions must be incorporated. Ref UK.TC.A.00079

The air pressure in the U/C unit is 33 ± 1 Kg/cm² (470 psi ± 14)

Span 16.2 meters

This sheet compiled by: Tim Macfadyen
Revision 2

Date last updated: 6 May 2023 Category changed by Manual