

# BGA glider data sheet - Skylark 3 F

Data source: Pilot's Notes

Date of issue:

Manufacturer: Slingsby

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Link to mandatory mods:

## Weighing Data:

	Kg	Pounds
Max weight (dry)	377	830
BGA concession non-aerobatic max weight (dry) [+3%]	388	855
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)		

mm inches

Forward C of G limit (aft of datum)	293	11.52
Aft C of G limit (aft of datum)	420	16.55
Pilot position (forward of datum)	612	24.1
Parachute position (forward)	282	11.1

Longitudinal datum: Wing root LE

Horizontal datum: Rear fuselage top 16:1000 rear down (0.9°)

## Control deflections in mm

	Up	Down	Measuring point
Ailerons	134 ±5	50 ±5	Inboard TE (5±2mm droop)
Elevator	187 ±10	145 ±10	Inboard TE
Trim	8 max	35 min	
Rudder	Left 375 min	Right 375 min	
Airbrakes	130 min		

Aileron cable tension 25-30 lb

Elevator cable tension 40-50 lb

Aileron tabs 41±4mm down with ailerons up  
14±4mm up with ailerons down

## Maximum speeds

	Knots	Kph
VNE	118	218
Rough air	71	131
Manoeuvre	71	131

	Knots	Kph
Aerotow	71	131
Winch / auto tow	71	131
Airbrakes open	118	218

Max winch weak link: 1000 lb (BGA figure 600 Kg blue)

Tyre pressure: Main 40 - 45 psi

Semi aerobic - Cloud flying permitted

## Notes: -

Span 18.2 meters

This sheet compiled by: Dave Bullock & Tim Macfadyen Date: 5 November 2001