

**GLIDER WEIGHING REPORT**

**TYPE** ASK 21                      **REGISTRATION** G-CLPV                      **DATE** 08/06/2023  
**CONFIGURATION**                      FIXED

**LEADING PARTICULARS**

Max AUW (Dry)	600 Kg	Fwd CG Limit	234 mm	+ve
Max AUW (Wet)	Kg	Aft CG Limit	469 mm	+ve
Max baggage Weight	Kg	Front Pilot C of G Fwd of Datum	1185 mm	+ve
Max Weight Non Lifting Parts	410 Kg	Rear Pilot C of G Fwd of Datum	80 mm	+ve Aft, -ve Fwd
Max Front Seat Load (Design)	110 Kg	Baggage C of G Aft of Datum	mm	+ve Aft, -ve Fwd

Datum                      Wing root L/E  
 Weighing Attitude    1000:52 Rear Fuselage top, Tail down

**WEIGHING DETAILS (Exact A/C Details, Ballast Weights, Batteries Fitted Etc)**

Battery Fitted, cockpit empty except cushions and straps, Instruments as fitted Minus 2 x G meters.

**WEIGHING RESULTS**

Weight Front Support	370 Kg	Distance Front Support From Datum	652 mm	+ve Aft, -ve Fwd
Weight Rear Support	10.36 Kg	Distance Rear Support Aft Datum	4602 mm	+ve Aft, -ve Fwd
Weight Port Wing	97.7 Kg	Weight Lifting Parts	193.8 Kg	
Weight Starboard Wing	96.1 Kg	Weight Non Lifting Parts	186.56 Kg	

**Glider Empty Weight                      380.36 Kg                      Moment    288917 mm**  
**Glider Empty C of G                      759.59 mm**

**CHANGES TO A/C AFTER WEIGHING TO ACHIEVE A NEW BASIC WEIGHT & C OF G**

Changes

Item	Weight	Lever Arm (+ve Aft, -ve Fwd)	Moment
	Kg	mm	
	Kg	mm	
	Kg	mm	
	Kg	mm	
<b>Total Weight Change</b>	<b>Kg</b>	<b>Total Moment Change</b>	
<b>Revised Glider Empty Weight</b>	380.36	<b>Revised Moment</b>	288917
<b>Revised Glider Empty C of G</b>	759.59		

**Weight & Balance Carried Out By**

Name    L. Clark                      I/A/1072

Signature



**For Weight & Balance Changes the Original Weighing Date:**

Date

08/06/2023