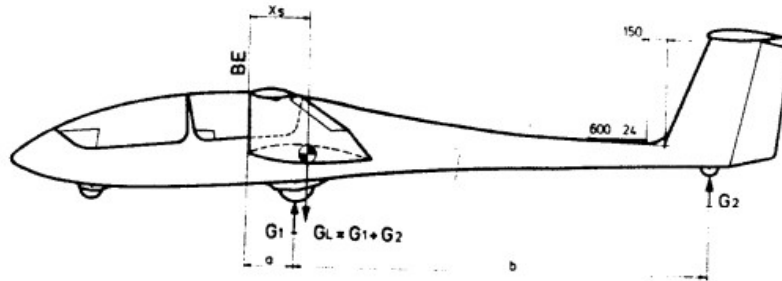


WEIGHT AND BALANCE REPORT

Aircraft: Grob G102 Twin II
 Serial No: 3875
 Registration No. N5462N
 Date: 04/13/24
 By: Bob Herman A&P: 3446201



Datum Line: Front Leading Edge of Wing at the Root Rib
 Leveling Means: Level with round 24mm spacer at 600mm set on horizontal top of rear fuselage.

At 600:24 = 50:2

G ₁ =	833.5 lbs.	Weighed on April 13, 2024
G ₂ =	41.0 lbs.	Weighed on April 13, 2024
G _L =	874.5 lbs.	
a =	21.2 in.	
b =	170.9 in.	

Calculate Empty Weight C.G. $X = ((G_2 \times b) / G_L) + a =$ **29.2** inches aft of Datum Line

Max. Gross Weight: **1279** lbs.

Calculate Useful Load: $Y = (MGW - G_L) =$ **404.5** lbs.

EQUIPMENT LIST

Location	Equipment	Weight -lb.	Arm – in.	Moment in-lb
Front Seat	ASI – Knots	1.0	-62.0	-62.0
	Tasman Variometer	0.5	-62.0	-31.0
	Winter Variometer	1.0	-62.0	-62.0
	Altimeter	1.0	-62.0	-62.0
	Becker Radio	1.5	-62.0	-93.0
	Magnetic Compass	0.5	-62.0	-31.0
	Standard Cushion	0.5	-62.0	-31.0
Rear Seat	ASI – Knots	1.0	-15.0	-15.0
	Winter Variometer	1.0	-15.0	-15.0
	Altimeter	1.0	-15.0	-15.0
	Magnetic Compass	0.5	-15.0	-7.5
	Standard Cushion	0.5	-15.0	-7.5
Baggage Compartment	Battery – LiFePO	2.5	-28.0	-70.0