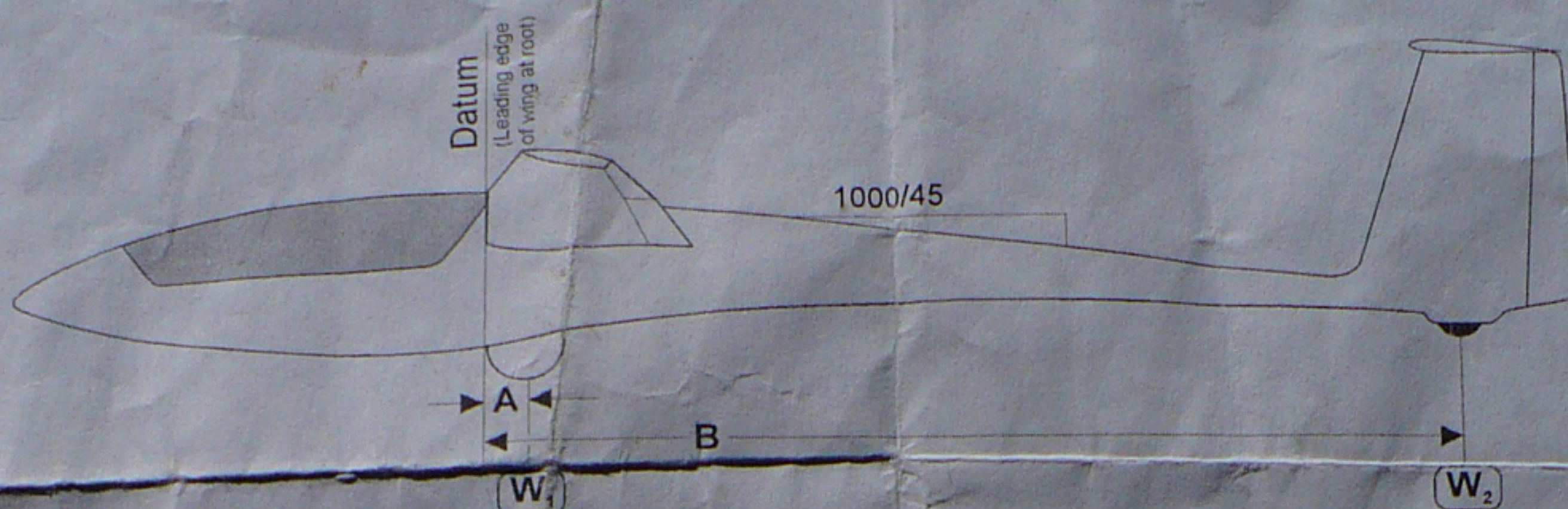


STATEMENT OF WEIGHT AND BALANCE



Aircraft Information

Manufacturer /Type: CENTRAIR 101A N 599JH SN101A084

Date Recorded: 3/3/2008 By: Brett R. Mayes
A&P 569452428

Installed Equipment:

Winter Airspeed
United Altimeter
Winter Variometer
Borgelt B 400 elect. Vario
Becker 3201 Radio
Airpath Compass
2- 12V 7 AH Batteries
24 cuft O2 cylinder /Nelson regulator
Becker 4401 transponder

Limits:

Forward CG Limit: 9.06 in.
Aft CG Limit: 14.76 in.
Max Gross Weight 1001 Lbs.

Weights / Wing Loading:

Wing Area 119.0 Sq. Ft
Empty Weight 631.0 Lbs.
As Flown Wt. 0.0 Lbs.

Empty 5.30 Lbs/Sq. Ft.
As Flown 0.00 Lbs/Sq. Ft.

Measured Data:

A = 4.25 in. datum to main gear
B = 166.70 in. datum to tail wheel
W₁ (Empty) = 550.0 Lbs.
W₂ (Empty) = 81.0 Lbs.

W₁ (As Flown) = .0 Lbs.
W₂ (As Flown) = .0 Lbs.

Center of Gravity:

$$CG = \frac{(W_1 * A) - (W_2 * B)}{(W_1 + W_2)}$$

CG (Empty) = 25.10 in.
CG (As Flown) = = N/A % of allowable aft limit

Reference Data:

	Weight	Arm	Moment
Glider - Empty	631.0 Lbs.	25.10 in.	15,840 in./Lbs.
As Flown	0 Lbs.		
Pilot (Small)			
Pilot (Large)			
Nose Ballast		-73.00 in.	
Tail Ballast	.0 Lbs.	167.50 in.	