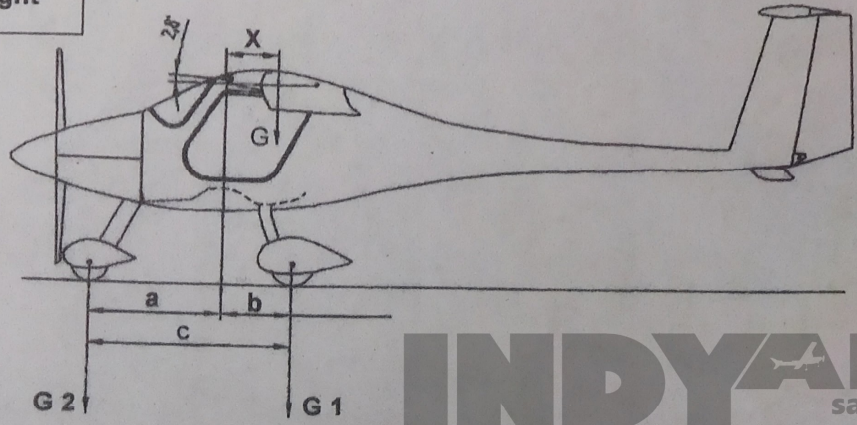


Model: Alpha Trainer Serial Num: 455 AT 912 LSA Registration: N 524V Mgf. date: 7 Sept. 2012
 Owner:
 Weight data based on Equipment List dated: 2 Oct. 2012

- A. Technical Data:**
1. Datum: Wing leading edge at the root rib.
 2. Leveling Reference: Airfoil template on wing bottom or seam at cowl split put horizontal.

Note: All data derived from Pipistrel factory Weight and Balance of 7 Sept 2012 and converted from metric.

B. Empty Weight



INDYAIR
 sales.com
 Aircraft Sales, Brokerage and Acquisition

INCHES	Values For: POUNDS	POUNDS
a. <u>39.76</u>	GR: Right Wheel <u>300.0</u>	GR + GL = G1 <u>533.5</u>
b. <u>18.89</u>	GL: Left Wheel <u>253.5</u>	G1 + G2 = G <u>631.8</u>
c. <u>58.65</u>	G2: Nose Wheel <u>98.3</u>	

B. Empty Weight Center Of Gravity Calculation

Center of Gravity Formula: $X = \frac{G1 * C}{G} - a =$ Empty Weight Center Of Gravity Location Aft of Datum in inches.

Empty Weight Center of Gravity as weighed is = $\frac{533.5 * 58.65}{631.8} - 39.76 = 9.76$

C. Flight Weight Center of Gravity Range and Allowable Weights.

Flight Center Of Gravity Limits: Forward Limit 8.66 in. aft of Datum. Aft Limit 15.0 in. aft of Datum

Maximum Take Off Weight: 1212 pounds Useful Load: 580.2 Pounds Useful Load with full fuel: 501.0 Pounds

Data checked by Robert M. Mudd #1878801 Date 19 SEPT 2013

Warning: Operating this aircraft outside of the manufacture's Flight Center Of Gravity Limits or over the Maximum Take Off Weight will result in an unsafe flying condition and may cause serious injury and/or death.