

Weight and Balance Limitations

Make: Cosmos

Model: Phase II

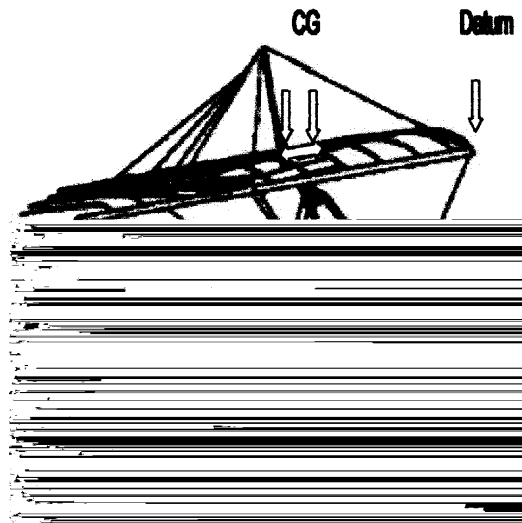
Registration # N630PH

The tricycle carriage is suspended from the wing model "Chrnos 16".

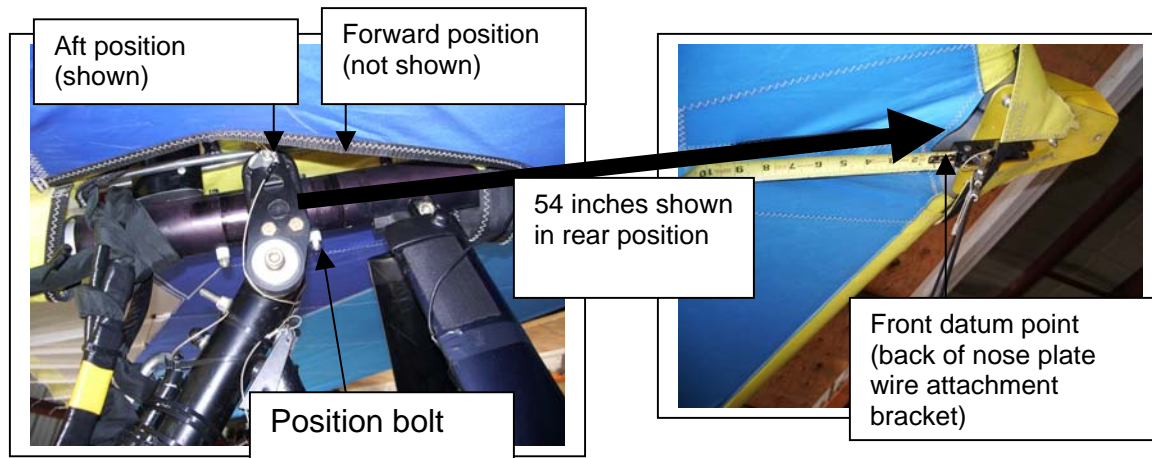
CG is measured from the front datum which is the back of nose plate wire attachment bracket to the front of the hang block (CG datum).

Hang point moved forward is 51 ½ inches CG to datum

Hang point moved aft is 54 inches CG to datum



The wing can be trimmed to adjust for speed by sliding the hang point fore and aft within the range of settings. The aft position is typical with the carriage block just in front of the king post (as shown below). The forward position is the block moved up against back against the control bar uprights. From the back position shown below, the CG position can be moved forward by removing the position bolt, sliding the wing to the forward position, and replacing the position bolt.



Empty weight 396 Pounds

Maximum takeoff weight is 926 pounds

All settings fore and aft are operational at any useful load up to 530 pounds.