

# *Antique Airplane Association of Colorado*

## *Taylorcraft Restoration Workshops*

Website: [www.AntiqueAircraftofCO.org](http://www.AntiqueAircraftofCO.org)

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### **Last Workshop 12-11-2010:**

Thanks to the efforts of Bill Truax the kids had some more sheet metal training using the Vans tool box kits and there was some activity in building a new metal lower cowling for the Peitenpol.

Work was started on the model kits with one wing glued together at the workshop and the other to be done at home.

The LH wing was trial fit to the fuselage and the new [sealed] wing struts.

After much discussion it was determined that the wing drag wires were under tensioned and not all of equal tension. The method measuring the tension (with a fish scale) to deflect the wires ¼” seems to give the best results.

### **Next Workshop this Saturday 12-18-2010:**

- Bill Mitchell will present a discussion and classroom demonstration of why we are concerned about the weight and center of gravity (balance of the aircraft we fly and how out of balance conditions affect the flying characteristics. Out of weight and balance conditions continue to be a significant source of aircraft accidents and attention to weight and balance is especially important at the higher altitudes here in Colorado. This discussion will tie into weight and balance measurement and calculation done in later sessions.
- The sheet metal education will continue using the VANs toolbox kits, and we have more kits.
- The drag wires will be retensioned before the meeting and the wing will be ready for fitting of a tubing to provide dynamic air pressure for the airspeed indicator.

As stated last time we are limiting the participation to youth over 12 years old in order to keep the ratio of our volunteer mentors to students at a more manageable level.

We appreciate the increased volunteer participation and the support of our young folks, their parents and club members!

The sparkplugs, plug wiring harness and the magnetos to provide the spark are on order along with a lightweight starter -the same type system as on the Champ.

**If the Council of Mentors would arrive at 9:30 the shop can be ready for participants arriving at 10AM.**

We are hoping for our last ideal Colorado Fall weather and good attendance – hopefully including you! Come, inspect and critique!

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