

## **PENAUD PLANOPHORE**

About 1871, in France, Alphonse Penaud built some of the first rubber-powered model aeroplanes called planophores. Penaud built several different versions, some were ornithopters, some were more conventional airplanes that we all would recognize as rubber models. Google: “penaud planophore”.

For 2014, we will have a Planophore event at Southwest Regionals. This event will be outside the SWR points categories, and there will be a trophy for the winner.

### **RULES**

Any SWR entrant may participate. There will be no added class fee.

BOM in effect – you gotta build your own

Must be constructed from materials that would have been available to Penaud in 1871; such as bamboo, balsa, piano wire; no carbon or other synthetic fibers, plastic, aluminum or other “modern” materials. The only exception will be the allowing the use of modern adhesives and coatings.

Maximum wingspan will be 20 inches.

Covering limited to tissue paper or heavier – no film or condenser paper.

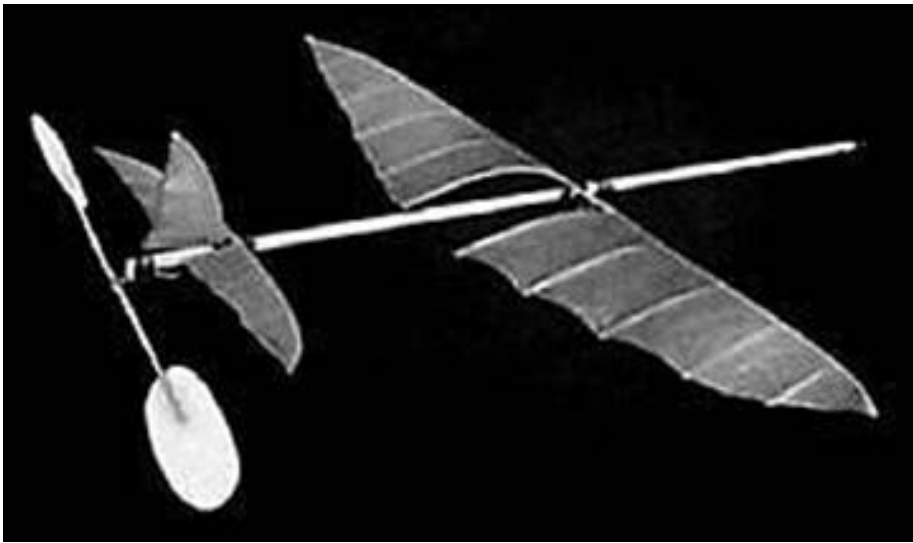
The model must be Rubber Powered, and the propeller must have solid balsa wood blades – no skeleton-framed tissue covered props. Maximum propeller diameter is 8 inches.

No minimum weight BUT any plane entered MUST demonstrate the ability to fly at the end of the contest.

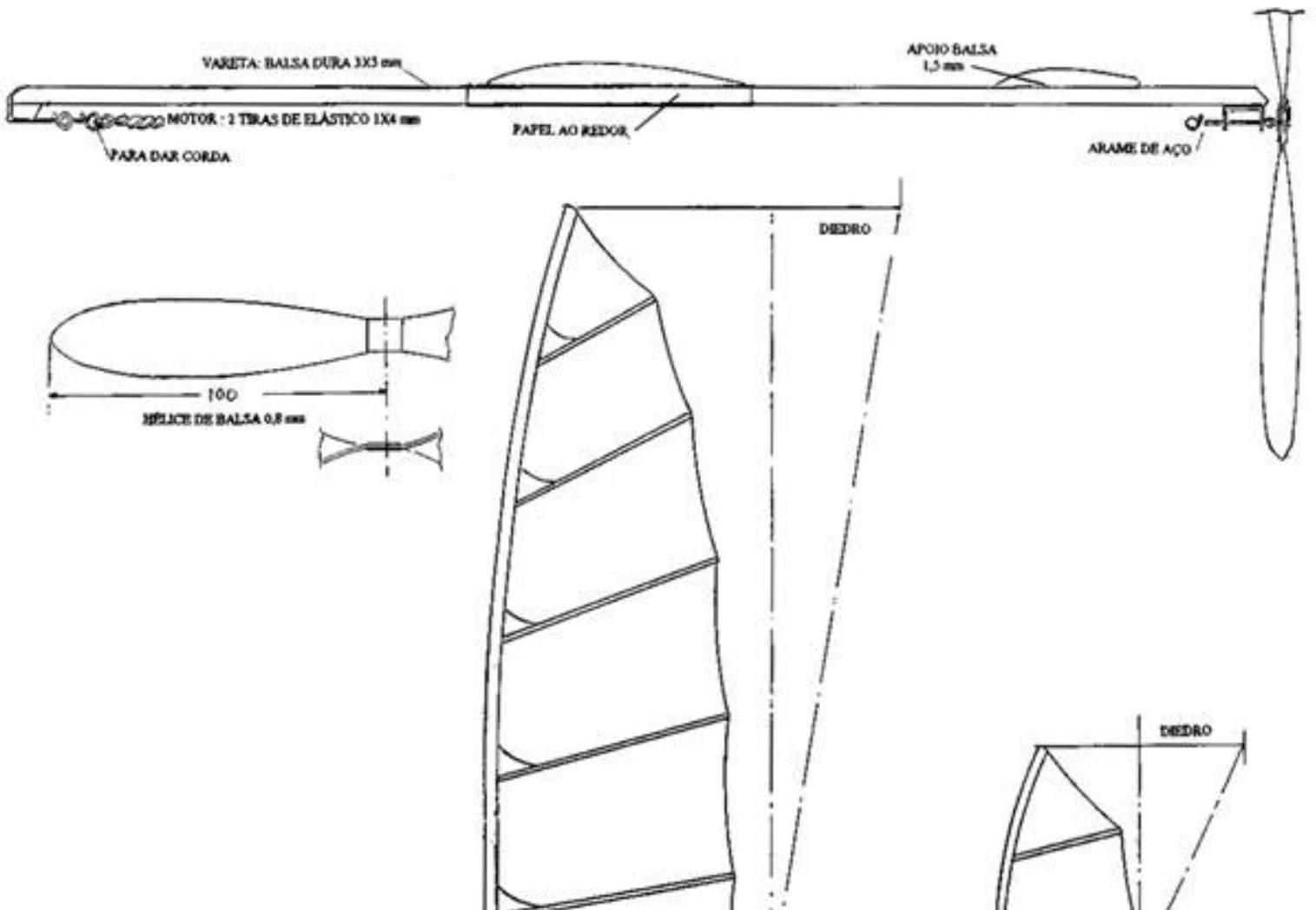
The greatest total time of any two flights wins.

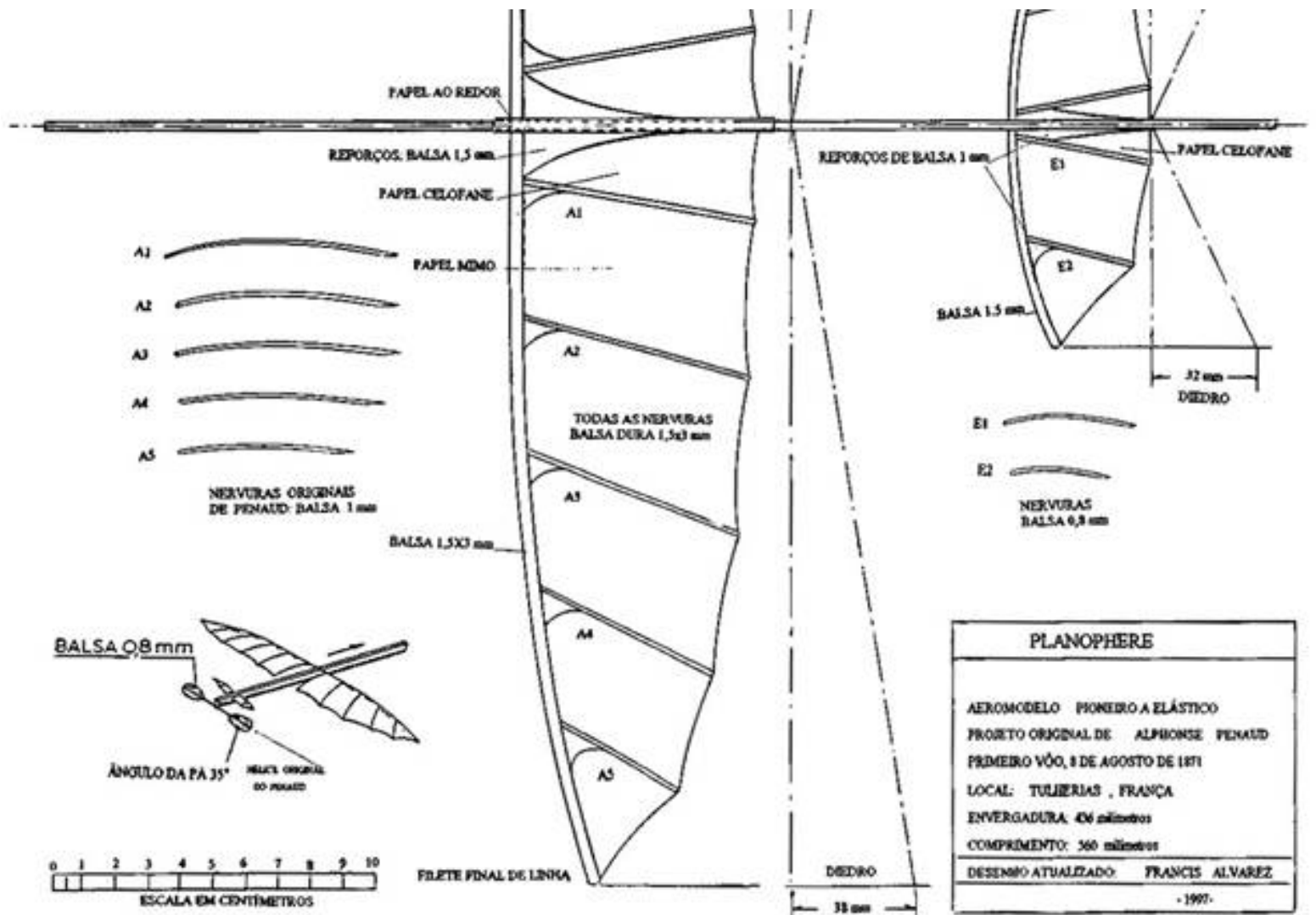
Award to be presented Sunday afternoon

Here is an illustration of a planophore:



The following is a good plan drawing – also shows a ‘V’ tail





Sponsored by Al Fernandez and Greg Tutmark