



WINTER PROJECTS 2021



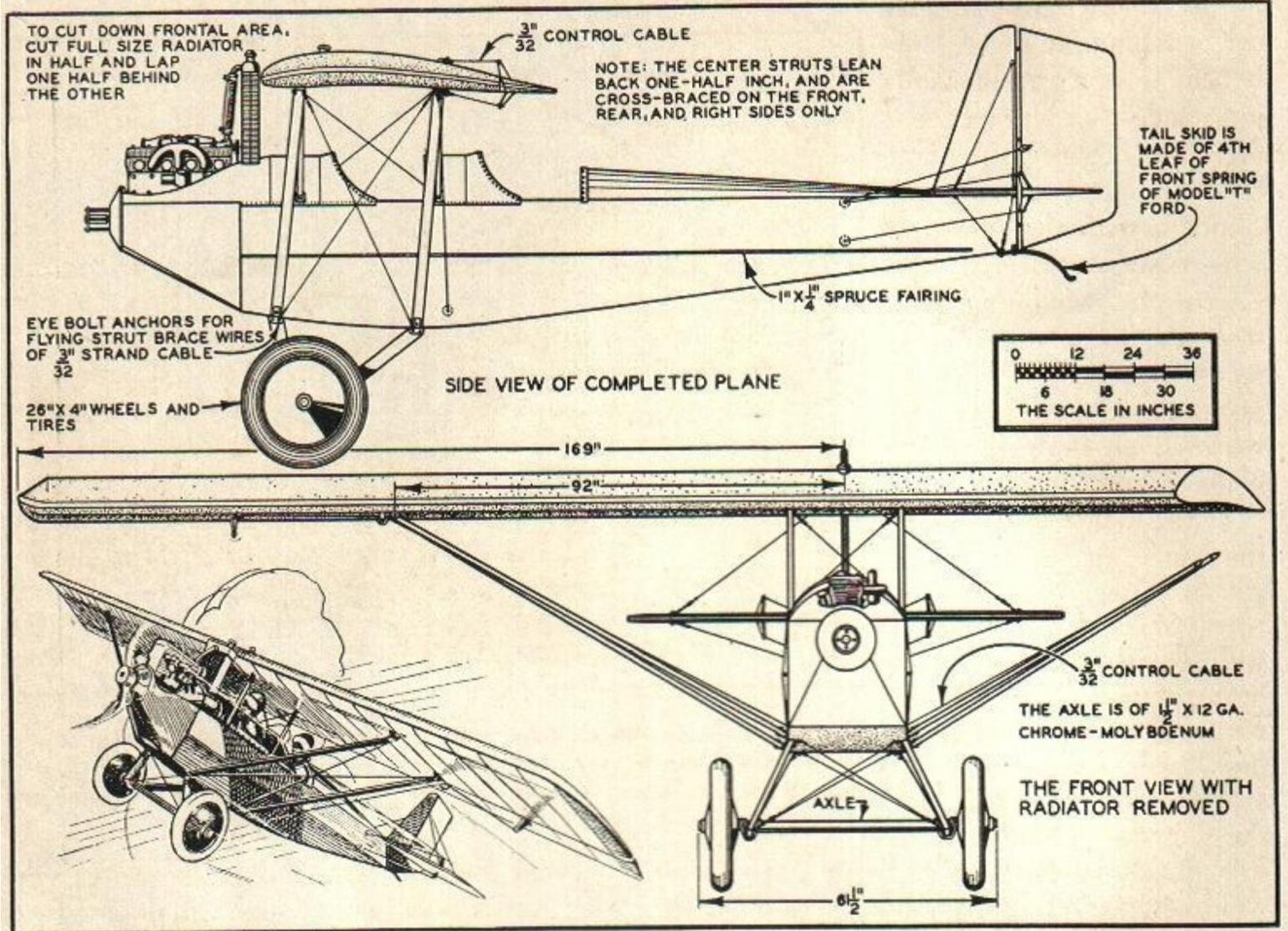
Featured Member:
Glenn Nigh

*(RCMF "Patriarch")
Pilot & Builder*



A "1929" Pietenpol Air Camper

Here Are the Profile and Prop Elevation Plans of the Pietenpol Ship



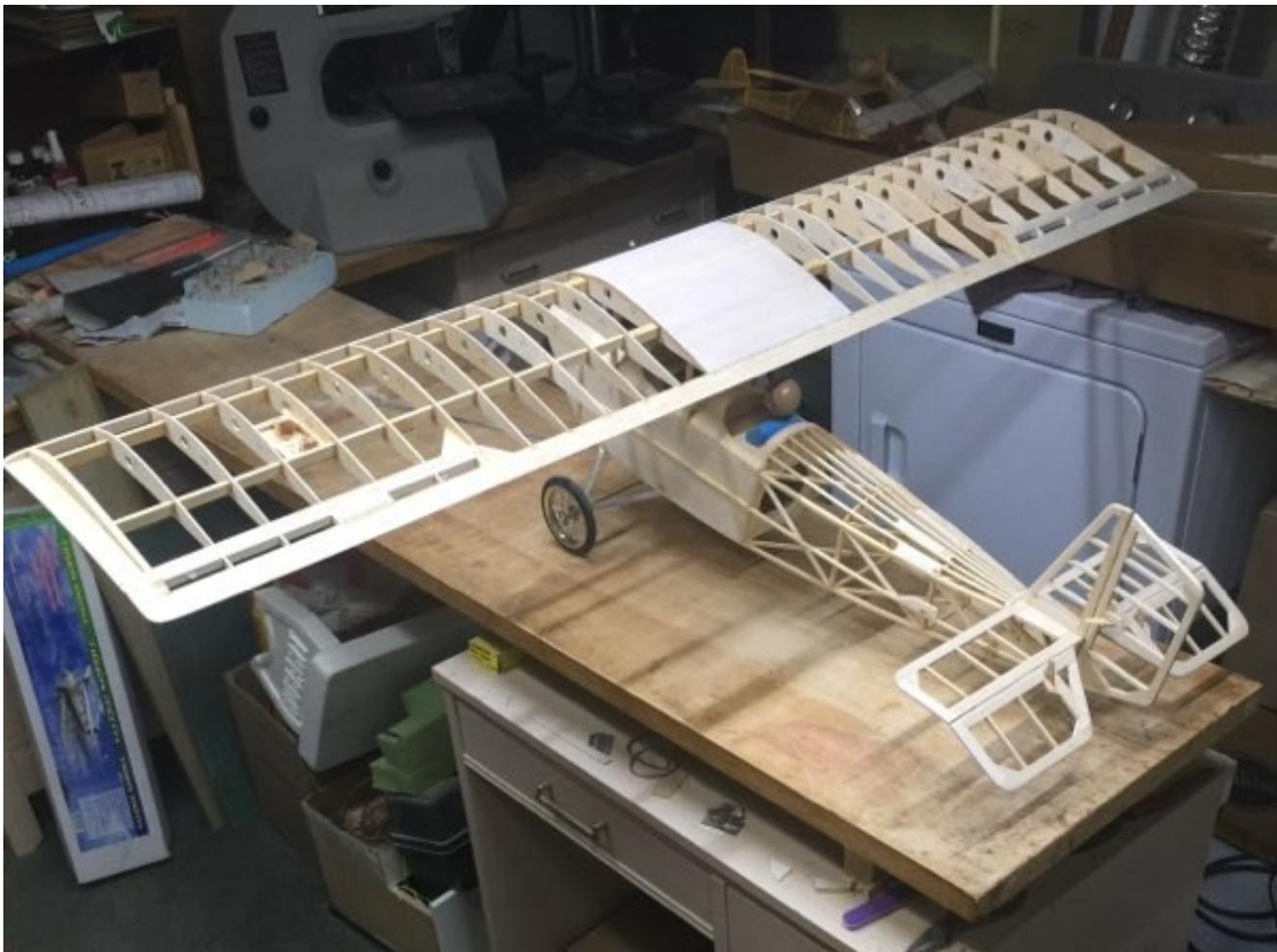
The Pietenpol Air Camper was first built in 1929 and became a very popular home built. It was made mostly of wood, powered by a converted Ford model A engine.

This model is one of several that I have built and they are from drawings put out in the UK by the late Peter Rake.

The wing span is 58 “ and as you see it, it weighs in at about 2 lbs. Covering , servos, power plant and batteries will increase that accordingly.

This model will be powered by an e 15 motor and 2200 three cell battery with a 40 ESC unit.

This model was built for a friend and he will complete the covering and the rest at a later time.





This is my example of a model A Ford engine that I built from a picture and it will be mounted in the plane backwards with the radiator sitting up top in the air flow in front of the pilots.



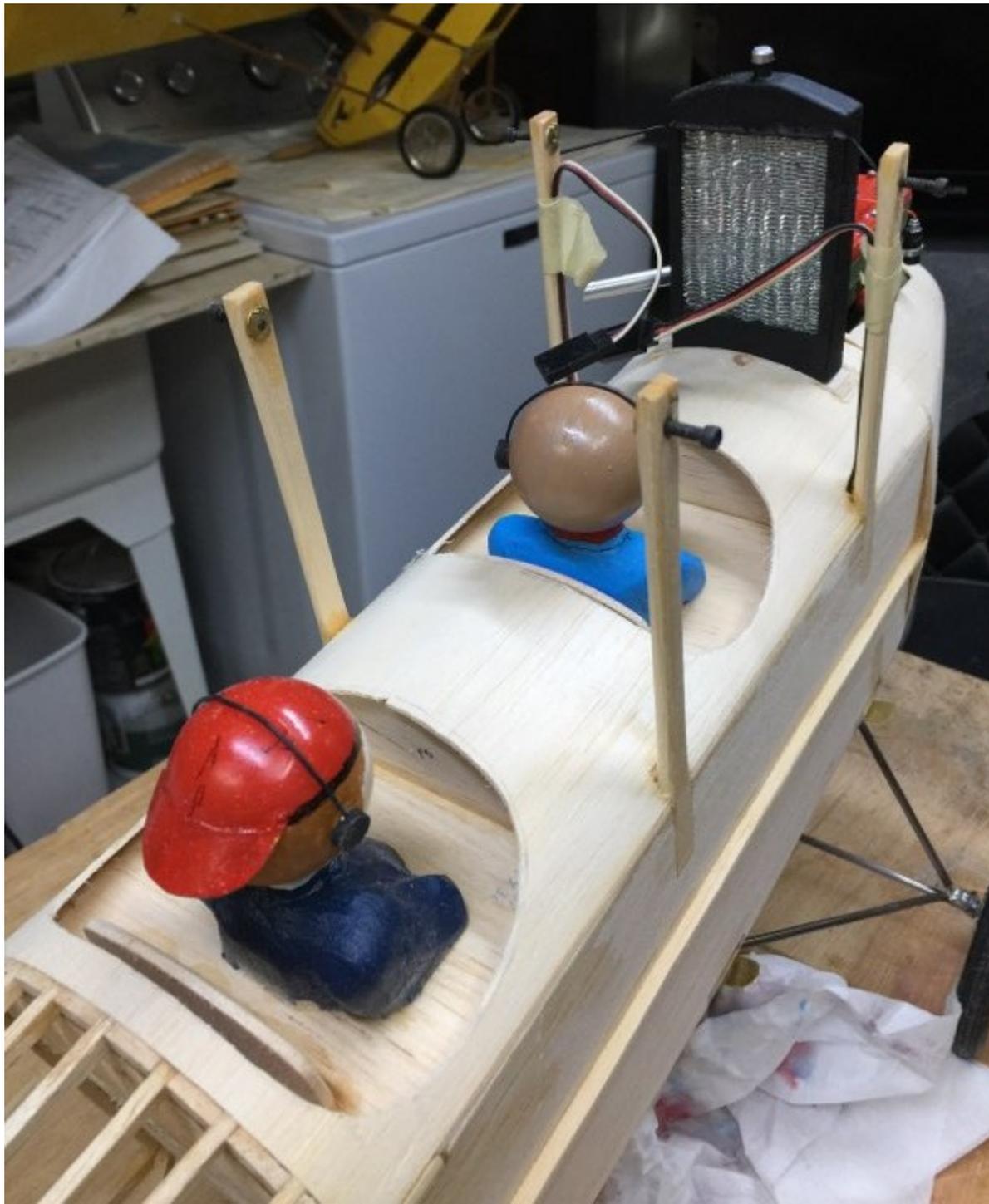


Just imagine in the real plane sitting behind that radiator as you move through the air. Looking around it would be interesting I'm sure. One might guess that it would keep you warm in cool weather. This construction is held together by Cyano glue which seems to have done a good job.

The landing gear is made up from aluminum airfoil tubing, split and slipped over the wire assembly and then formed back together again. The wheels are a 4" diameter wire spoke design.



The two guys that are flying the plane are made up from balsa wood and tennis balls with little hats and head sets etc.



This shows the comparison of the model on the left and the full size version flying and what the pilot would have in front of him in real life.

The model will of course have the electric motor mounted just under the make believe engine.

Flies quite nicely.



That's it for this project, not sure what I'm going to do next.

Glenn.