



Australian
Air League

FEDERAL AIR ACTIVITIES INSTRUCTION 20

F/AAI/02/14
MAY 2014

AIR ACTIVITIES Balsa Model Flight Competition Federal Review 2014

1.0 Intention

- 1.1 The intention of this Instruction is to introduce the Balsa Model Flying Competition which will be held as its inaugural competition at the Federal Review 2014.
- 1.2 The introduction of this new initiative was a result of comments made by members in a recent survey of members in relation to activities at the Federal Review.
- 1.3 This competition which is focused on flight, the key to our organisation, is designed to bring a bit of fun & entertainment for members of all ages & their families at the Review.

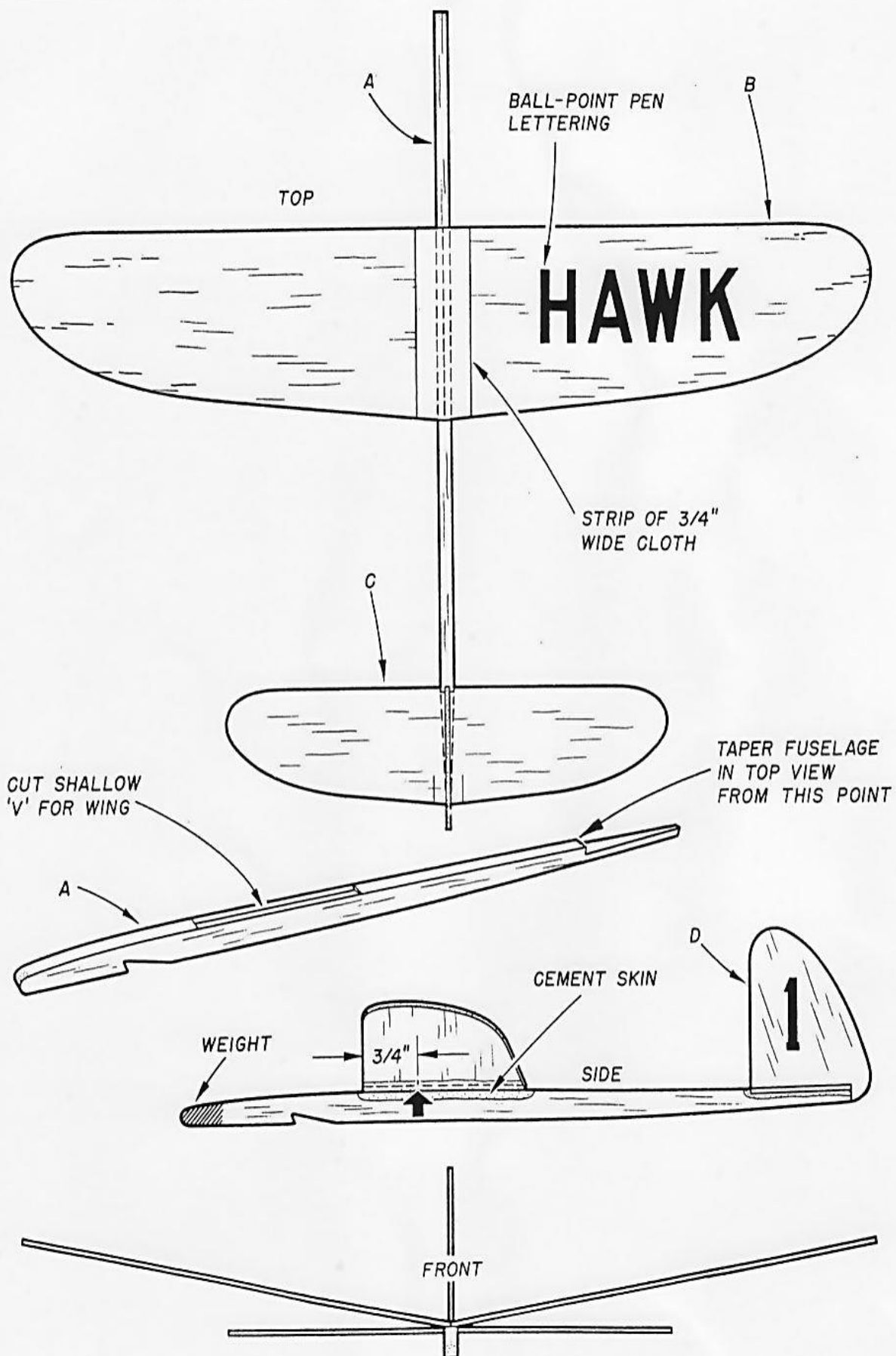
2.0 General

- 2.1 The "Balsa Chuck Glider Flight Competition" will have three age categories (Junior Cadet, Cadet to Senior Cadet, & Open) and could involve building and testing each individual's glider as a Squadron activity prior to The Federal Review.
- 2.2 There will be prizes awarded for First, Second & Third in each age category with the goal to achieve the longest distance over the ground flown within the flight sector.
- 2.3 The balsa glider design to be used will be that which is in the AAL Aircraft Modelling Class 4 Booklet. (Attachment 1) and is to be built using the standard balsa sizes shown in the plan without excessive modification.
- 2.4 It should be encouraged that entrants also enter their Balsa Chuck Glider into the static model display at the Review. It should be noted however that models in the "Static Completion" will not be available for the "Flight Competition" until judging has been completed at the Static Display.
- 2.5 The Flight Line will be in an arena on the main field and similar to that utilised for a javelin competition, with a throw line and sector lines which the glider must land within to be recorded as a valid throw.
- 2.6 Each entrant will be allowed three flights (throws) of which the best distance flown will be recorded; the longest distance flown within the guidelines of the sector will win. A glider landing on or outside the sector line will be deemed out of bounds and a "foul" throw will be recorded.

3.0 Conclusion

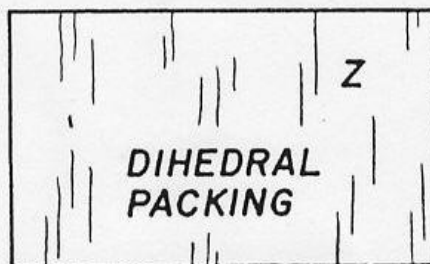
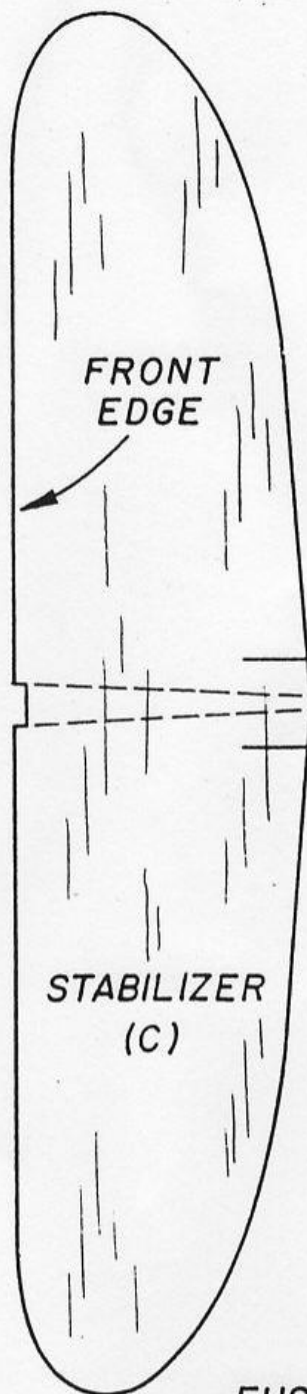
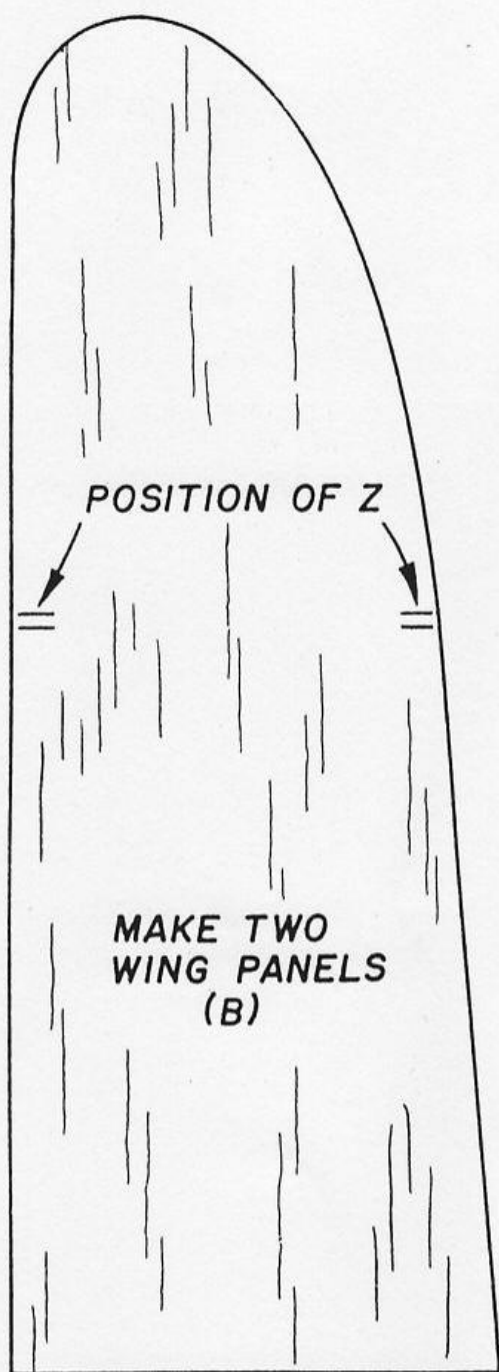
- 3.1 It is hoped that this activity will not only add to the novelty of the Review, but increase the number of entrants in Review static modelling competitions.

Commissioner Cameron Shaw
FEDERAL AIR ACTIVITIES COMMISSIONER



ASSEMBLY DRAWING

ASSEMBLY DRAWINGS
ARE HALF SCALE



FUSELAGE (A)
CUT FROM STRIP
— 3/8" X 3/16"

TRIM

TRIM

Refer to Figure 1 Page 6

B, C AND D — 1/16" SHEET