

BUILDING INSTRUCTIONS

For maximum strength use AERO-FLYTE Balsa CEMENTS, either normal C17 or Super Strong C23. Carefully remove all parts from the disc sheets, and study the plan until you understand each stage of the construction of your model.

STEP ONE Attach the ready formed undercarriage to Plywood Former 2 using split pins and washers as shown. Drill a 1/8" hole in Former 1 for the fuel tank feed pipe and cement Former 1 and 2 to the engine bearers, making sure that this assembly is square and that the formers are in the correct position. When dry, drill the holes for the engine and fit the engine mounting bolts as shown. Cement the fuselage sides to the engine mount assembly and cement formers 3, 4, 5, into place.

STEP TWO Leave the fuselage at this stage and construct the wing. As the leading and trailing edges are slotted and all of the ribs are pre-cut, the wing assembly is simple. Push the ribs onto the leading edges, making sure that the four number 18 ribs are in the centre. Next push the trailing edge onto the ribs and then fit the two mainspars. Check that the wing is straight, square and free from warps and carefully cement all joints. Fit the wing centre sheeting top and bottom.

STEP THREE Slide the wing assembly through the fuselage assembly, check for alignment and firmly cement. Use several coats of cement on this joint. Make up the control plate assembly as shown, complete with the formed pushrod wire and leadout wires, then place this assembly into the fuselage with the pushrod passing through the formers and out of the fuselage side, and the formed leadout wires passing through the slots in the fuselage side. Cement the two elevators to the ply joiner 10 and attach them to the tailplane with cloth hinges. Cement the control horn to the elevator making sure that it is correctly aligned with the wing. Cement the tailplane to the fuselage making sure that it is correctly aligned with the wing. Cement the wing tips 22, Gussets 19, 20, 21, wing tip weight, ply leadout guides into place.

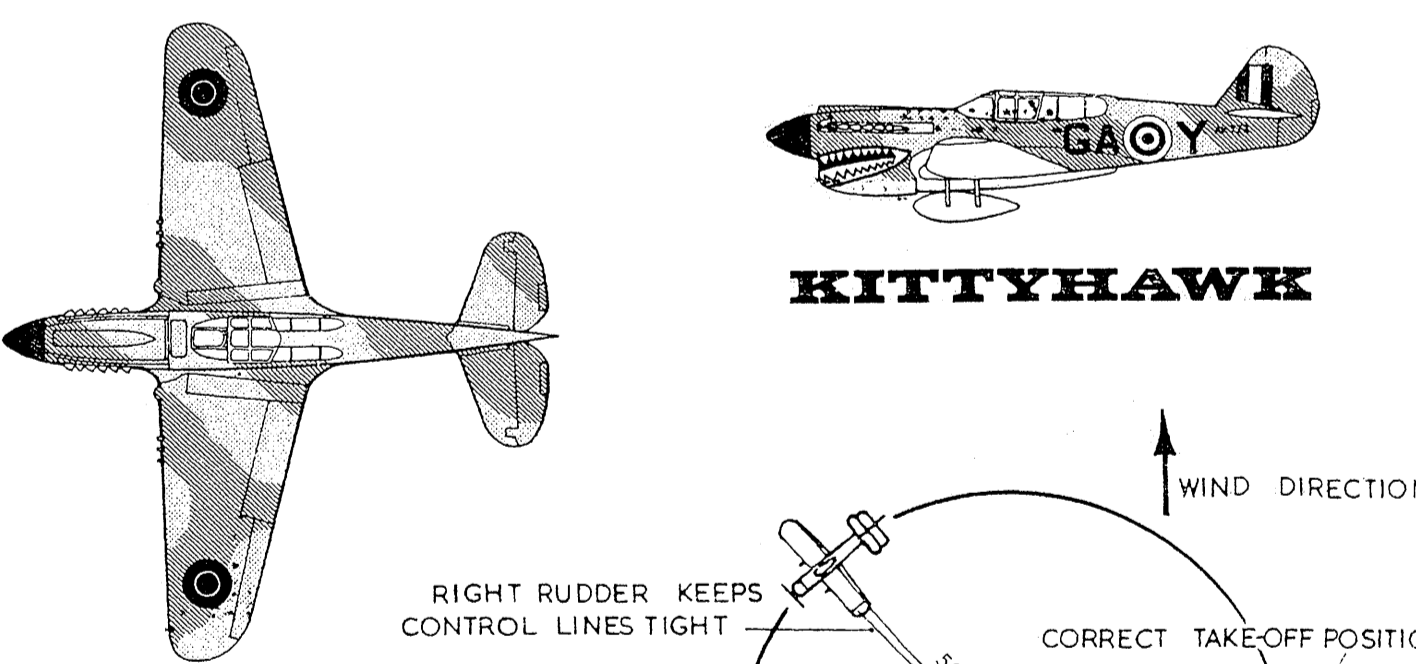
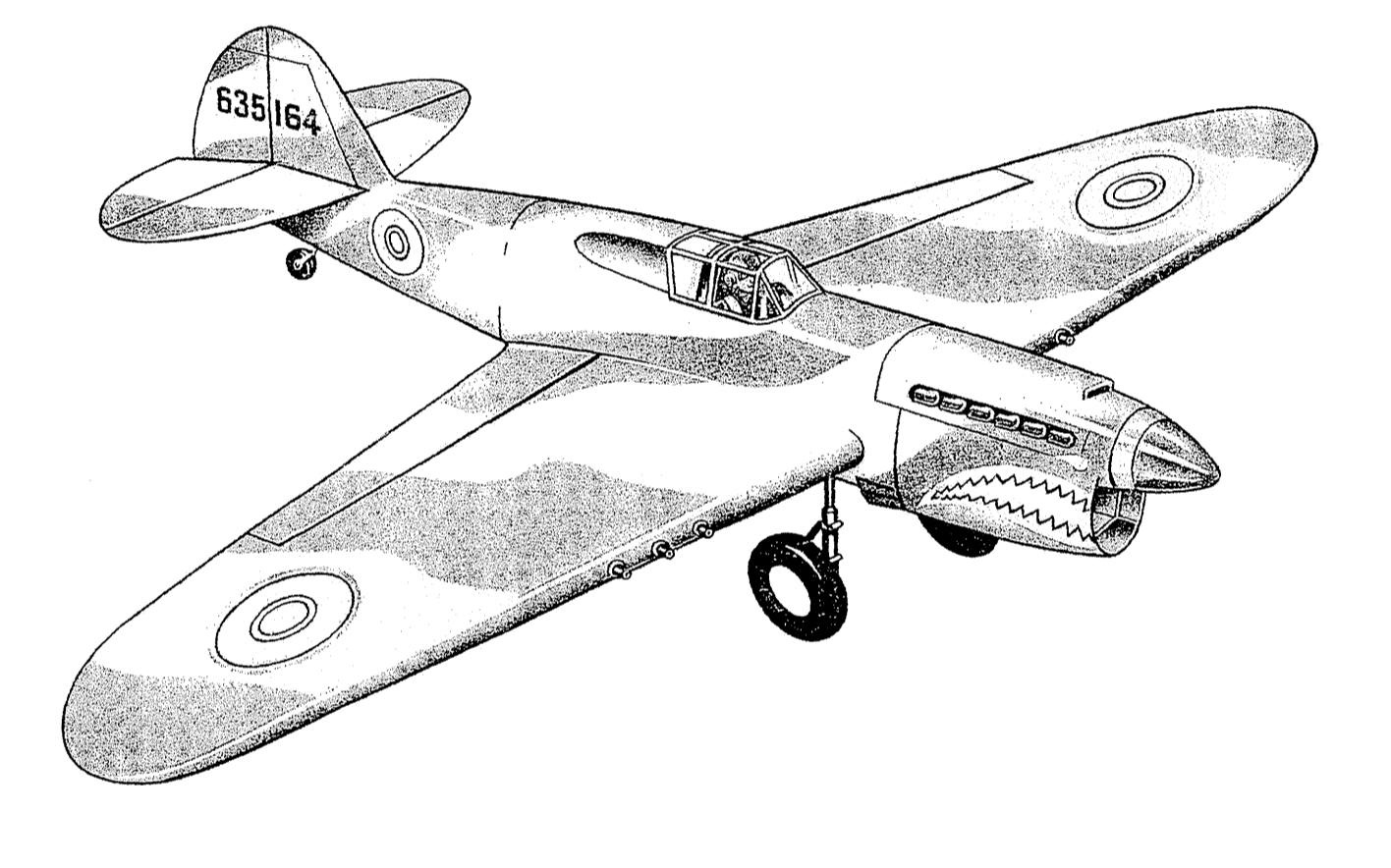
STEP FOUR Check the control system for free movement of the elevators for at least 30 degrees up and down. Then complete the fuselage assembly by cementing the following parts into place in this order - Fuselage top sides 10 and 11 - Shaped fuselage top - formed top block - Shaped nose block - fin 8 - rudder 9 - fuselage bottom sheeting 12, 13, 14 cowlings 15, 16 - wing flaps.

FINISHING Sandpaper to a smooth finish all over and give the entire airframe two coats of AERO-FLYTE DOPE to seal the balsa wood. Cover the wings with tissue supplied, applying two or three coats of dope. Trim the canopy so that it is a good fit on the fuselage and cement into place. Finish the model by painting in the colours of your choice with fuelproof enamel.

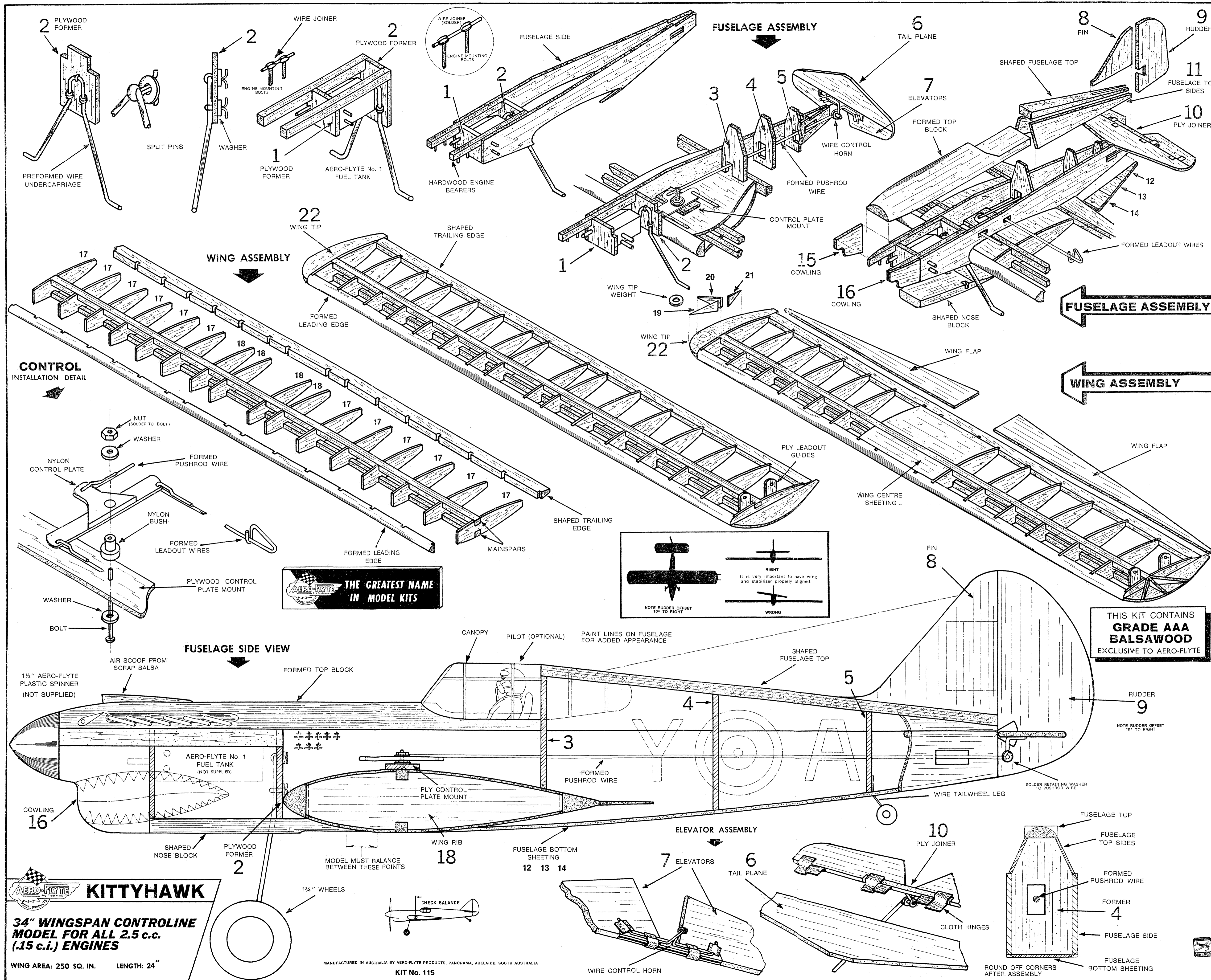
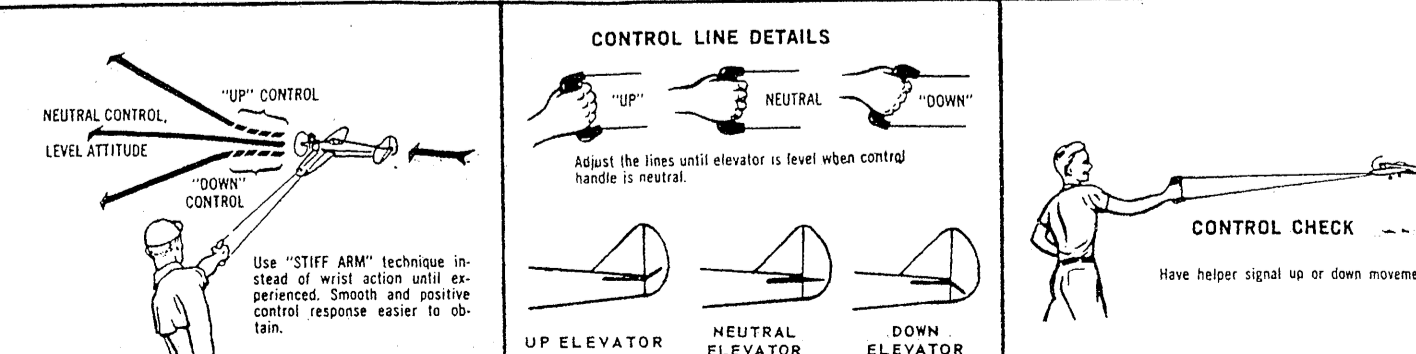
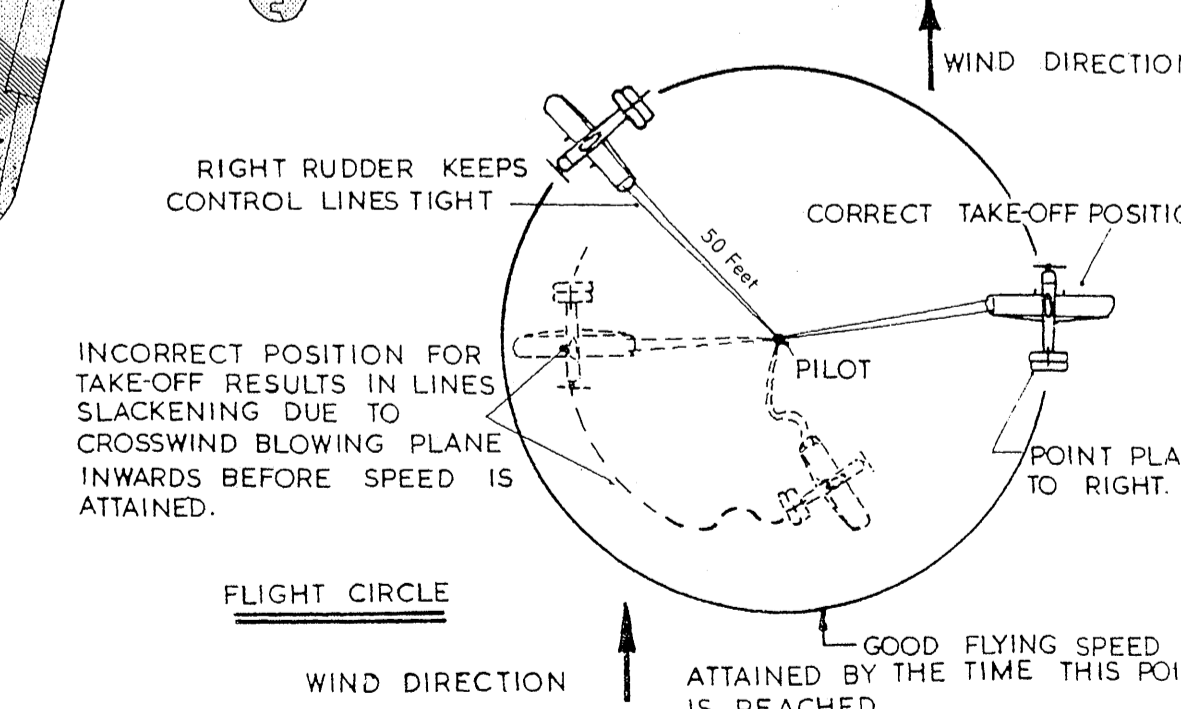
RECOMMENDED ACCESSORIES

Diesel Engine	Gloplug Engine	Fuel Tank	Dope	Spinner	Laystrate
2.5 c.c.	2.5 c.c.	Number 1	8 oz can	1 1/2" Standard	100 Feet

FUEL, FUEL TUBING, FILLER BOTTLE, CEMENT, HANDLE, ENGINE BOLTS



KITTYHAWK



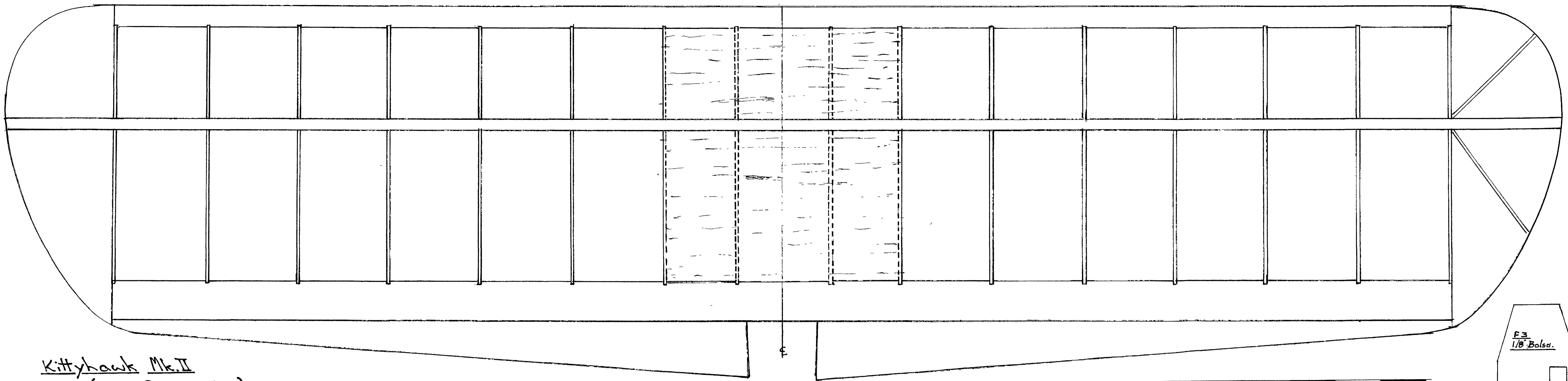
AERO-FLYTE **KITTYHAWK**

34" WINGSPAN CONTROL LINE MODEL FOR ALL 2.5 c.c. (1.5 c.i.) ENGINES

WING AREA: 250 SQ. IN. LENGTH: 24"

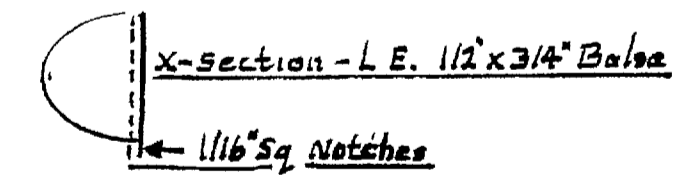
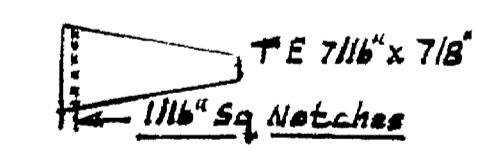
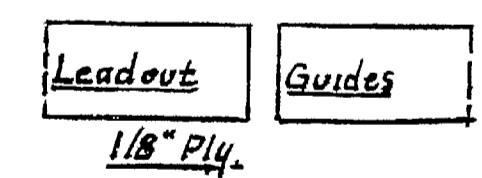
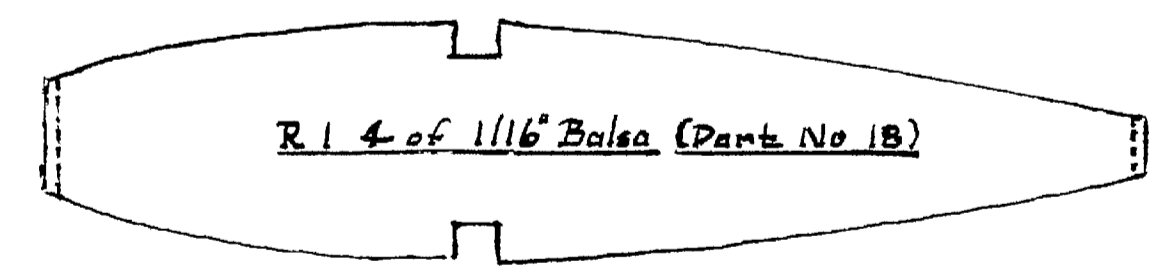
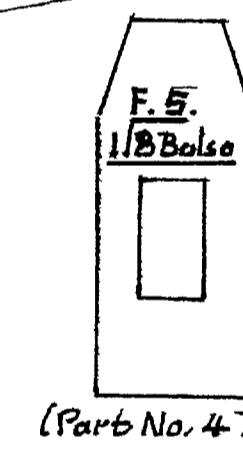
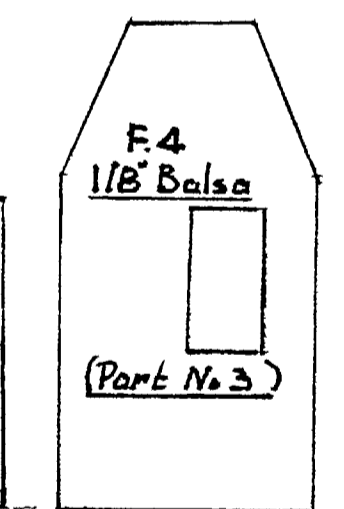
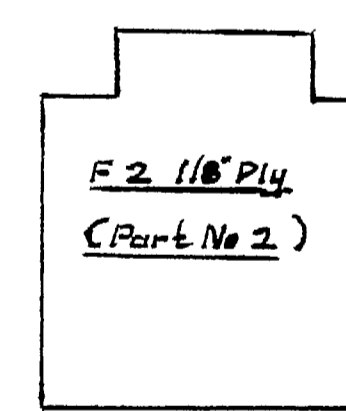
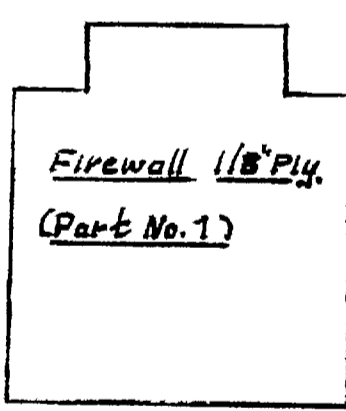
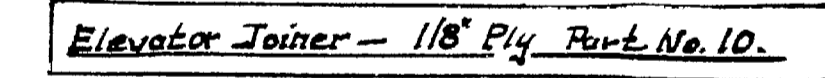
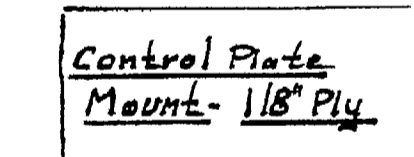
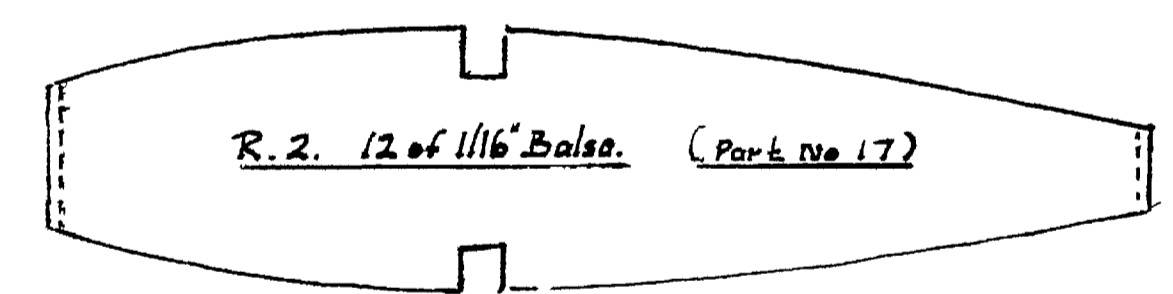
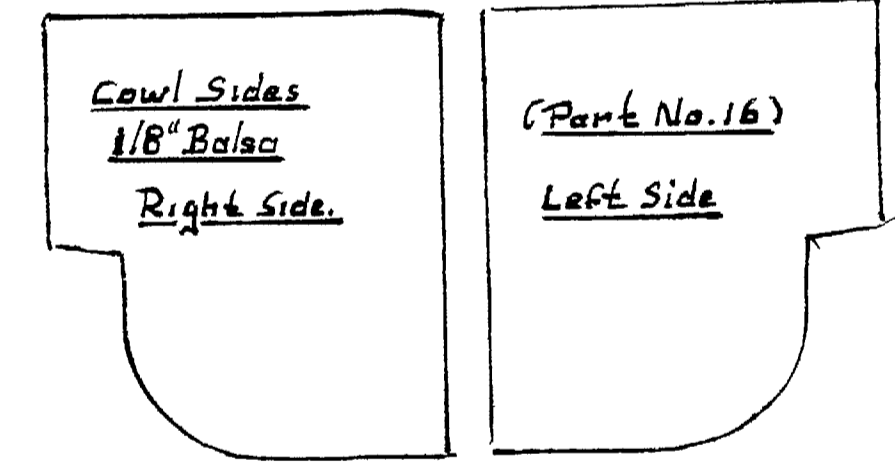
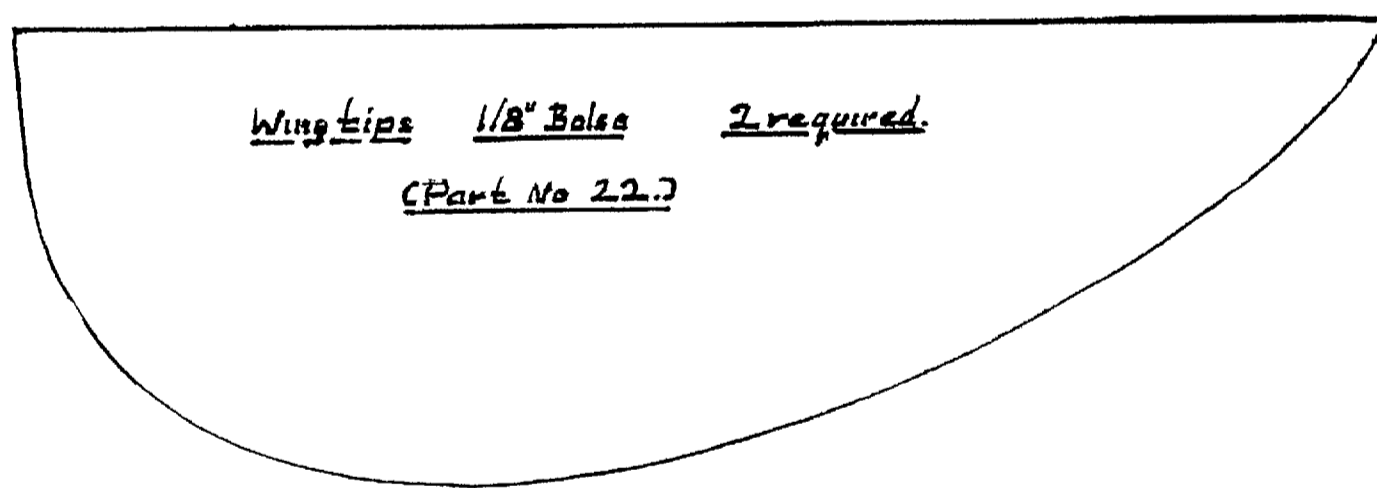
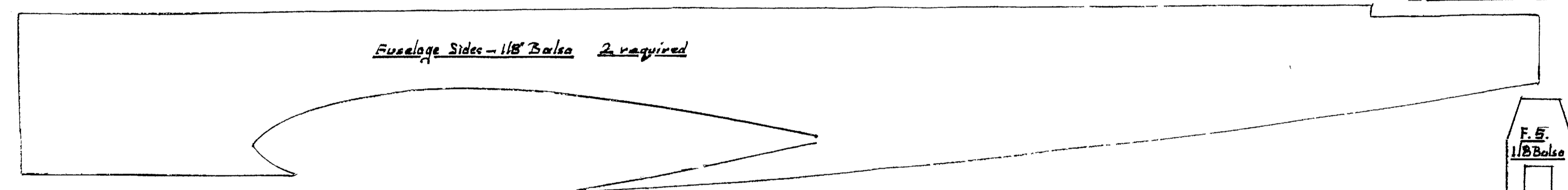
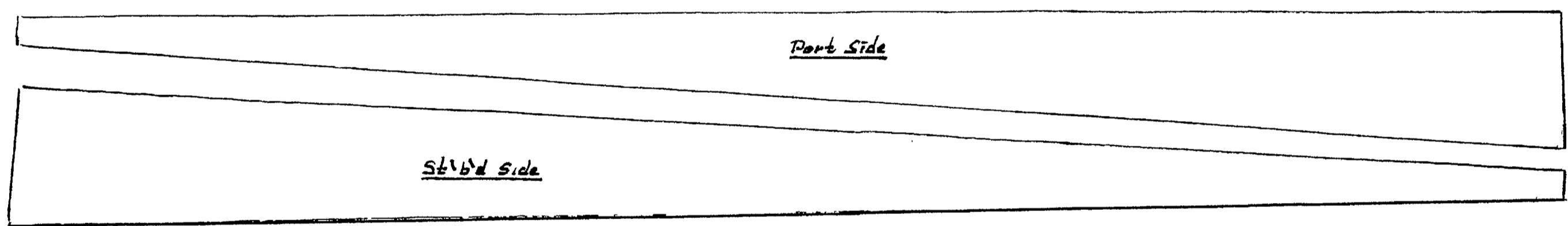
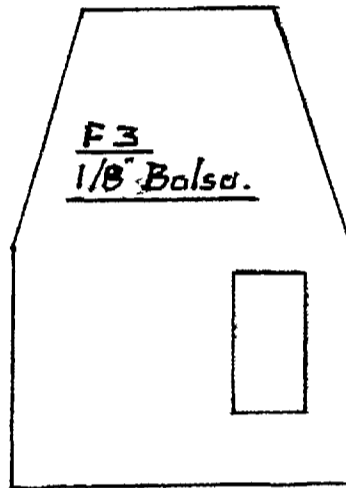
MANUFACTURED IN AUSTRALIA BY AERO-FLYTE PRODUCTS, PANORAMA, ADELAIDE, SOUTH AUSTRALIA

KIT No. 115



Kittyhawk Mk. II
(Fixed flap version)

Fixed Flaps - 1/8" Balsa



Note - Bulkhead width varies with crankcase.
As drawn - suits Enya + OS .15 engines.

