

# INVADER.

50" WINGSPAN RADIO CONTROL MODEL FOR ALL 15CC TO 35CC. ENGINES.

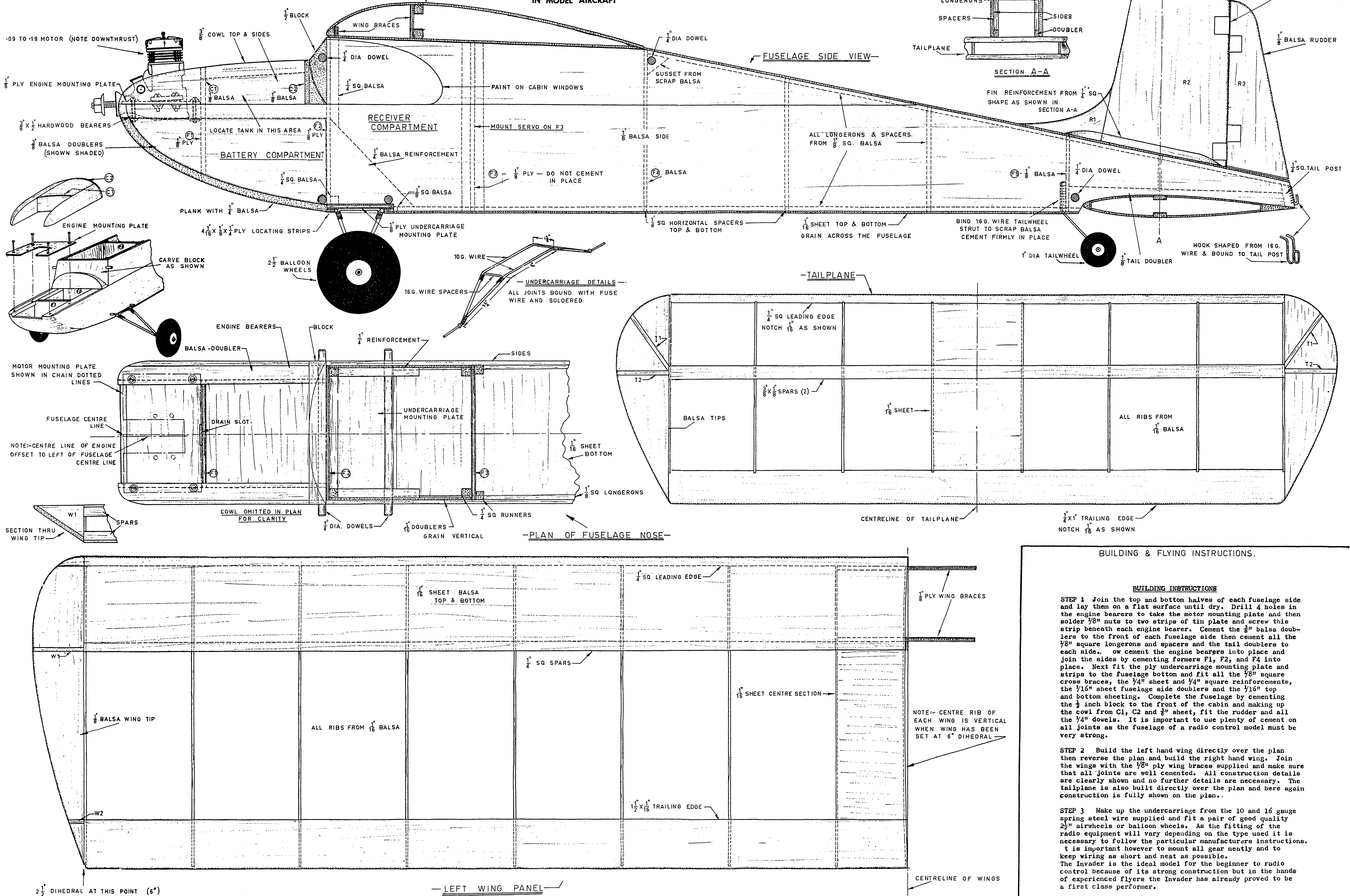


AUSTRALIA'S GREATEST NAME  
IN MODEL AIRCRAFT

### TECHNICAL DATA

WING SPAN — 50 INCHES.  
WING AREA — 445 SQ. INCHES.  
TOTAL WEIGHT — APPROX. 3 LBS.  
WING LOADING — APPROX. 16 OZ. PER SQ. FT.  
POWER — ALL .09 TO .19 GLOWPLUG OR DIESEL MOTORS.

— DRAWN BY ROGER DUANCE —



### BUILDING & FLYING INSTRUCTIONS.

#### BUILDING INSTRUCTIONS

**STEP 1** Join the top and bottom halves of each fuselage side and lay them on a flat surface until dry. Drill 4 holes in the engine bearers to take the motor mounting plate and then solder 1/8" nuts to two strips of tin plate and screw this strip beneath each engine bearer. Cement the 1/8" balsa doublers to the front of each fuselage side then cement all the 1/8" square longerons and spacers and the tail doublers to each side. Now cement the engine bearers into place and join the sides by cementing formers F1, F2, and F4 into place. Next fit the ply undercarriage mounting plate and strips to the fuselage bottom and fit all the 1/8" square cross braces, the 1/4" sheet and 1/4" square reinforcements, the 1/16" sheet fuselage side doublers and the 1/16" top and bottom sheeting. Complete the fuselage by cementing the 1/2 inch block to the front of the cabin and making up the cowl from C1, C2 and 3/8" sheet, fit the rudder and cement all the 1/4" dowels. It is important to use plenty of cement on all joints as the fuselage of a radio control model must be very strong.

**STEP 2** Build the left hand wing directly over the plan then reverse the plan and build the right hand wing. Join the wings with the 1/8" ply wing braces supplied and make sure that all joints are well cemented. All construction details are clearly shown and no further details are necessary. The tailplane is also built directly over the plan and here again construction is fully shown on the plan.

**STEP 3** Make up the undercarriage from the 10 and 16 gauge spring steel wire supplied and fit a pair of good quality 2 1/2" airwheels or balloon wheels. As the fitting of the radio equipment will vary depending on the type used it is necessary to follow the particular manufacturer's instructions. It is important however to mount all gear neatly and to keep wiring as short and neat as possible. The Invader is the ideal model for the beginner to radio control because of its strong construction but in the hands of experienced flyers the Invader has already proved to be a first class performer.