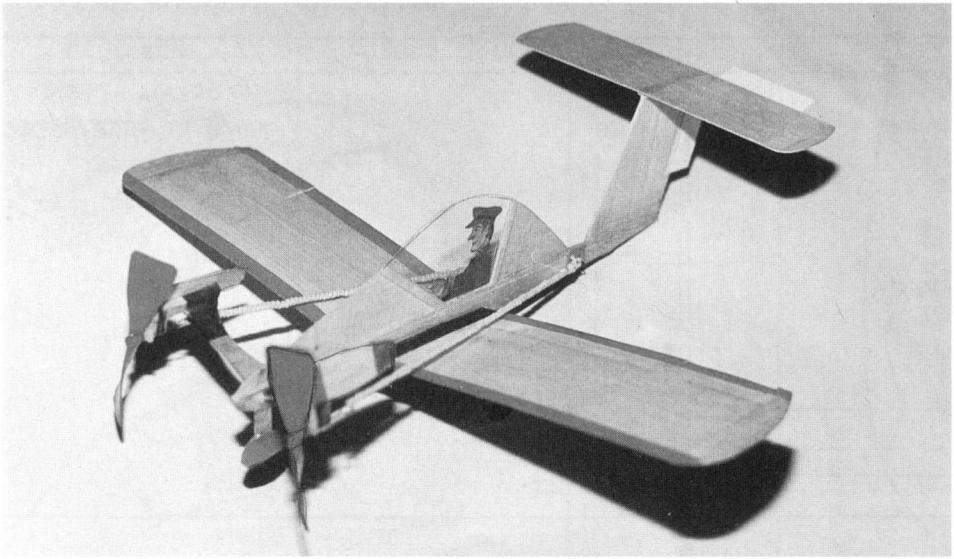
CRI-CRI

Build Ray Malmström's version of the smallest twin ever!...



The Cri-Cri carries all of the trade marks of Ray's designs - off-beat, colourful, easy to build and best of all, loads of fun!

There can be very few aircraft enthusiasts who have not had their imagination fired by Michael Colombans' tiny Cri-Cri (cricket). First powered by motor cycle engines, it is now, through the enthusiasm and work of Captain Yves Duval (an airline pilot flying A340s for Air France), fitted with two tiny jet engines and re-designated MC15J.

Our profile model of Cri-Cri features straight forward construction, and the plan shows all the constructional features. Cri-Cri is mainly intended for indoor flying.

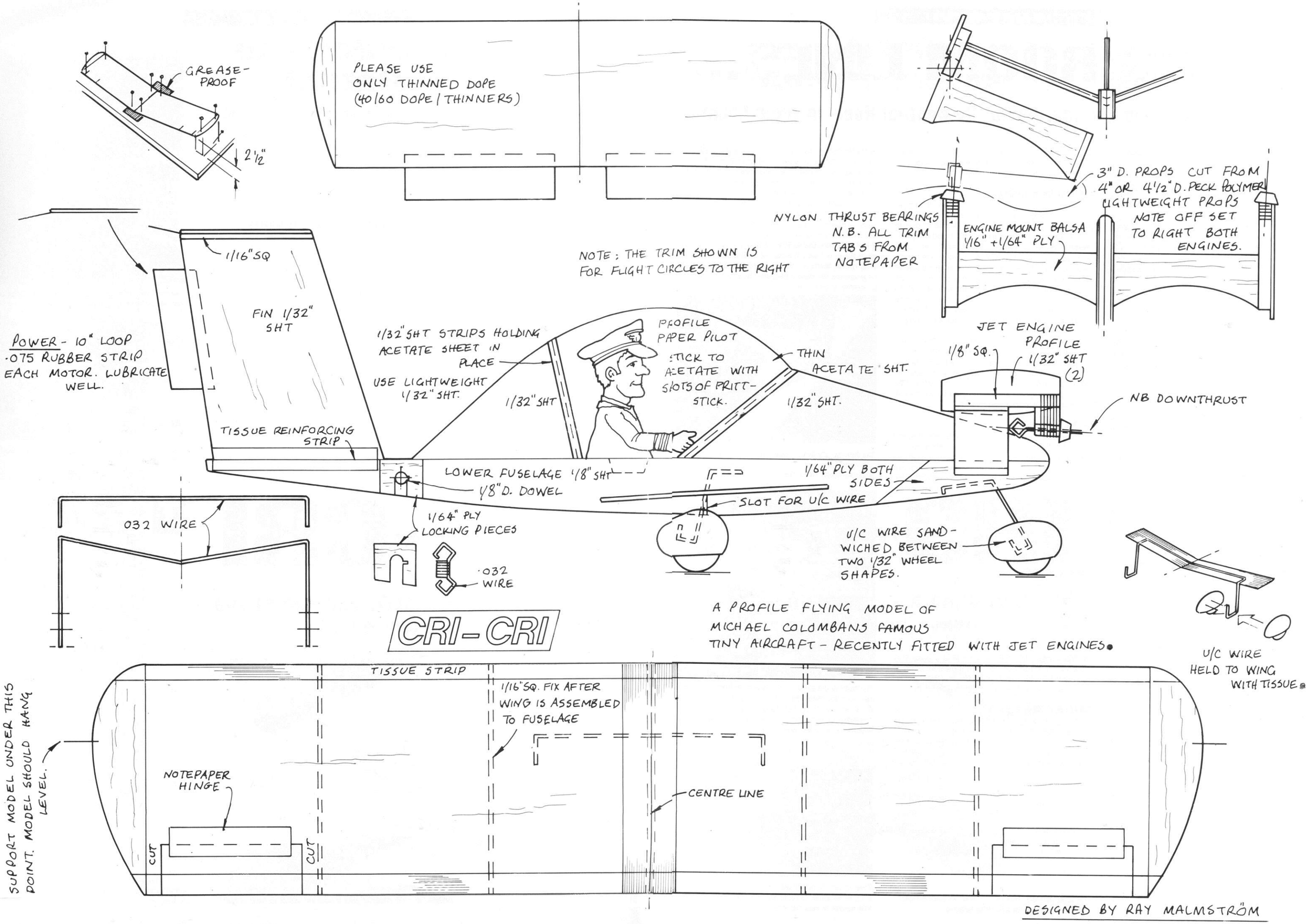
We would like to spend a short while with you, and mention the test flying of the original Cri-Cri. For flight-testing we put our tiny twin into the capable hands of two friends and fellow club members, John Valiant and Chris Strachen. Chris has, incidentally, served many years on the BMFA Technical Committee.

First flights, carried out in one of Impington Village College assembly halls, revealed the fact that the model did not perform well when flown in LEFT-hand circles. John and Chris decided to off-set the prop shifts to the RIGHT, together with some up trim on the tailplane tabs, and a little right turn on the fin tab.

These adjustments dramatically altered the whole picture. Cri-Cri immediately began to fly right-hand circuits very consistently. With 800 approx. turns, it climbs well, cruises at ceiling height, with a fairly shallow glide path. Success had crowned John and Chris' efforts!! *(Ray's a very modest chappie! - Ed.)*

One last point. You do need a helper when winding. Usually there is no shortage of volunteers!

So that's it, friends. We do hope you will feel keen to give little Cri-Cri a go - and get with the action! Hope to see you again soon. Take care. Ray.


GREASE-PROOF
2 1/2"
PLEASE USE ONLY THINNED DOPE (40/60 DOPE / THINNERS)
3" D. PROPS CUT FROM 4" OR 4 1/2" D. PECK POLYMER LIGHTWEIGHT PROPS NOTE OFF SET TO RIGHT BOTH ENGINES.
NYLON THRUST BEARINGS
N.B. ALL TRIM TABS FROM NOTEPAPER
ENGINE MOUNT BALSA 1/16" + 1/64" PLY
NOTE: THE TRIM SHOWN IS FOR FLIGHT CIRCLES TO THE RIGHT
1/16" SQ
FIN 1/32" SHT
POWER - 10" LOOP .075 RUBBER STRIP EACH MOTOR. LUBRICATE WELL.
1/32" SHT STRIPS HOLDING ACETATE SHEET IN PLACE
USE LIGHTWEIGHT 1/32" SHT.
1/32" SHT
PROFILE PAPER PILOT STICK TO ACETATE WITH SPOTS OF PRITT-STICK.
THIN ACETATE SHT.
1/32" SHT.
JET ENGINE PROFILE 1/32" SHT (2)
1/8" SQ.
NB DOWNTHRUST
TISSUE REINFORCING STRIP
LOWER FUSELAGE 1/8" SHT
1/8" D. DOWEL
1/64" PLY BOTH SIDES
SLOT FOR U/C WIRE
1/64" PLY LOCKING PIECES
.032 WIRE
U/C WIRE SANDWICHED BETWEEN TWO 1/32" WHEEL SHAPES.
.032 WIRE
CRI-CRI
A PROFILE FLYING MODEL OF MICHAEL COLOMBANS FAMOUS TINY AIRCRAFT - RECENTLY FITTED WITH JET ENGINES.
U/C WIRE HELD TO WING WITH TISSUE.
TISSUE STRIP
1/16" SQ. FIX AFTER WING IS ASSEMBLED TO FUSELAGE
SUPPORT MODEL UNDER THIS POINT. MODEL SHOULD HANG LEVEL.
NOTEPAPER HINGE
CENTRE LINE
CUT
CUT
DESIGNED BY RAY MALMSTRÖM