

Andy Crisp's World of Free Flight Model Aircraft

Andrew J Crisp Author, David A Brawn Designer Published as a digital book, A4 page format pdf file, by Instant-Books UK Ltd 10 Tennyson Close, Northampton NN5 7HJ, England. ISBN 9781848340008

#### **Cover Artwork and Free Flight Model Aircraft Plans**

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Andy Crisp's World

of Free Flight Model Aircraft

Welcome to Andy Crisp's World of Free Flight Model Aircraft. What a World it is, ranging through the Flashback range of variants and other FIAs into Rubber, SLOP, HLG & Catapult Gilder including designs created for school and club use; not everything that Andy has designed is here, we'd need a much bigger book, but this is Andy's provisional selection to be published as an InstantBooks Edition of 'Andy Crisp's World of Free Flight Model Aircraft'.

All the way back in 1974 9 was probably the only Free Flight Aeromodeller not to know Andy Crisp, but all that was soon to change. 9 accepted a job with the Oxfordshire Finance department, with Ros moved to Grove in south Oxfordshire, sending out the usual 'change of address' cards. Martyn Cowley, then completing an architecture degree at Oxford Poly, gave us a ring about forming a new Free Flight model aircraft club: he was sharing a house with fellow aeromodeller Steve Marriott at the time. We agreed to meet and headed for the pub for the first discussions that were to result in Biggles Free Flight Team; at the 'Rancid Badger' (local nick name) we plotted forming a club that would beat all of Britain: just the four of us, Ros, Martyn, Steve and myself. First thoughts were who else we could bring into this 'Winning' team. Andy Crisp was first on the list, along with John Cooper and Trevor Payne from our Northampton MAC school days. Martyn drew the now infamous 'Rats! Woodstock's Maxed Out' logs for our sweat shirts and Tshirts so even though there were very few of us for the start of the 1975 Competition Season we wre very visible. Andy Crisp had joined us, even though he has always kept his Oxford MAC membership as a club priority he dived into the Biggles philosophy with a naked ambition.

Naked ambition drove us. Andy in both models and dress when he appeared at the Little Rissington Nationals sporting only a loin cloth for thre days of fabulous weather! We hit it off as great friends and antagonists immediately. through 75 to 78 Andy and myself toured the UK circuit; me mostly as driver to Andrew though I flew a bit. I'd arrive at Andy and Sue's Summertown house to rouse Andy after a hard night 'gigging' on the drums: a quick handful of breakfast cereal, a french stick shoved into his 'ammunition case' flying box and we were off to whatever Free Flight contest was on that Sunday. Andy aimed for being the Gala Champ at every contest so we piled out of the car. entered, and then we were into a dizzying round of Power flights. Rubber flights. Glider flights. It was the best of years and the weather smiled on us. Biggles won the Plugge Cup and Club Championship so often that as BMFA Treasurer I had to endure jibes of professionalism, and poaching of top club flyers; all of it sour grapes, a handful of determined Biggles from the East Midlands having bested the best the rest of the country could offer.

We're all Stars in Biggles FFT, but Andy Crisp has always stood out as being the 'Naked Ambition' of model flying including 'dress sense'! Andy has such a passion for our hobby/sport that it simply radiates off him. We were proud to produce replica Biggles shirts for Andy's 25th Oxford MAC Gala on Portmeadow in 2006: the 25th consecutive Andy event. I count Andy (and Sue) amongst my closest of friends and it makes me very happy that Andy's genius is released on the Free Flight World through our new comapny: InstantBooks having itself been designed for just this event, though spread over thousands of hobbys and interest areas.

So to Andy Crisp 'Great Aeromodeller', here is 'Andy Crisp's World of Free Flight Model Aircraft' I'm so happy that at last Andy's enthusiasm can be received by the World Wide fraternity that is Free Flight.

David Brawn founder member of Biggles Free Flight Team and InstantBooks

# Andy Crisp's Notes On Models

(in normal typescript)

# A1 (F1H) GLIDERS

Little Bustard - simple "bitsa". Successful in domestic contests, but using straight tow hook, not the bent wire circle hook on plan. Wing was from a 'compact' Wake which spent 18 months in a pheasant coop in Norfolk!

**B.T.B 52** - an easy to build windy weather job. Fits in a trombone case. Well three of them, actually. Would be fine for the new B.M.F.A. Ruling on 75m. Line.

# A2 F1A GLIDERS

**Flashback** - This is typical of the original versions and was featured in Aeromodeller. Could do with the top spars being doubled at the wing root for the heavy handed.

Mk 7 Flashback - Very strong, but did not get the success it deserved. Lost up a tree on Woodbury Common, on my first visit there. Mk 8 Flashback - went to Australia in 1983 and contributed to GBR winning team title in World Champs. Details show simple impulse circle tow system.

**Millennium Flashback** - after abandoning the 'line' for other projects, I decided to make 'just one more' for the new century. Solid as a rock, it flew very well, too well, in fact, as I lost it in an enormous boomer at Lost hills, U.S.A. In the World Cup event at the 2001 W/Champs. Modern type comstruction, with old style wood.

Flashbacks 10 & 11 - OK, even more have been made - this time the complete works carbon, kevlar etc. Very high launch when everything is right.

Flashback 12 - back to wood again, for simplicity. Salzer tissue covered wing allows flutter - suggest Jap over mylar.

Oriole - A good solid, rough weather job. After publication in FFN, has flown well for other people.

**Flyright** - based on Ivan Horejsi (CSE) proportions married with Alan Gibbs' wing construction this has been (and still is) a very reliable flier. Uses towhook as sold by FFN, connected to KSB timer. Alas, you can't get either now!

**Tchip Tchop** - Five were made, and the Mk1a was my best glider ever. Based very closely upon Victor Tchop's 1975 W/Champs winner, it scored 14 straight maxes over two trials meetings to make a British record. Wing sections used the Tchop under surface profile. The top shape varied between 6 and 8% on different versions. Surprisingly, the thickest went best. Some stabs were undercambered, others flat. Little difference noted!

**The Boogaloo** - made in 1977 when I got on the team for the W/Champs in Denmark (The all-Biggles glider team). Had a fine still air performance for the time, but the wings were a bit flexible with 12 swg joiners!

# **HLG & CATAPULT GLIDERS**

**Groovin' High** - 'Large' series of HLGs. Built with success by others. Last remaining model now converted to Discus Launch trainer. **Rotator** - Enormous D.L model. Recently made. Has teething troubles. I will get there in the end!

Meadow Mite - Beginners' job, designed to encourage H.L.G activity in Oxford M.F.C. Hook 2" back from nose would make it OK for catapult.

**Depron-Do-Dah** - made for Moodel Engineer Exhibition contests at Olympia. Depron (as required by rules) does not add much strength! **Depron Wing Indoor** - ditto

The Angler - quite a rarity - a tail-less H.L.G. What fun. Published in Tailless News.

Boogie Woogie - steady flier, but needs a stiff boom for consistent launches.

Catapult Glider #5 - the current competition model. Placings in local events over last two seasons.

Avocet - sport flier, mostly from one piece of wood. Fast, spectacular performance.

The Sunflower - Another design on similar lines. Drawn up to encourage girls at a school where I taught to play with balsa.

# **RUBBER MODELS**

## F1H (COUPE d'HIVER)

No Name - first made in 1975, still going strong thirty odd years later. Currently has larger out-rigger prop.

Le Rip-Off #2 - based upon French designs of the '70s'. Again, still in constant use, but minus 'cabin'now that cross-section rule has gone. Five O'Clock Shadow - blatant copy of Anselmo Zeri's Silver Shadow, but with different wing + tail construction. Vey Large. Superb in calm. A bit of a handful in wind.

## F1B (WAKEFIELDS)

The Little Bustard F1B - conceived as a simple Flashback type Wake. Flew well. After loss, converted to A1!

Yugo Victor - my version of Vilim Kmoch's 1971 W/Champs 2nd placer. Still going strong with shortened nose for 30gm motor. Now has no underfin.

**Neo-Dada** - A simple brutalist model named after brutalist art movement. Now lost. Surprisingly good in wind despite stretched layout. **Sheet Little 16** - French style Wake with solid sheet wing. Just like a giant H.L.G. 3 made. All very stable with good glides.

## **OPEN RUBBER**

**Shook-Up #2** - Assymmetry of flying surfaces inspired by Andy Anderton's designs. It would be good on 50g rubber (or less) for new BMFA open rubber class.

## **POWER MODELS**

Old Man Mose - large and light SLOP design for Cox 09. Would take PAW 1.5 for Brit Power with shortened nose. Surprisingly fast for the wing area.

## Lindy Hop, Classical Gas, Ode to JR

Three varying studies for Slow Power when the rules first came out, to prove that you did not have to make a Dixielander! Lindy Hop actually built. Showed potantial but fins proved vulnerable on hard landing.

**The Anser** - A good flier on low power. Won the power prize in the 1989 Lady Shelly comp at NATS. Later destroyed itself turning right. You have been warned.

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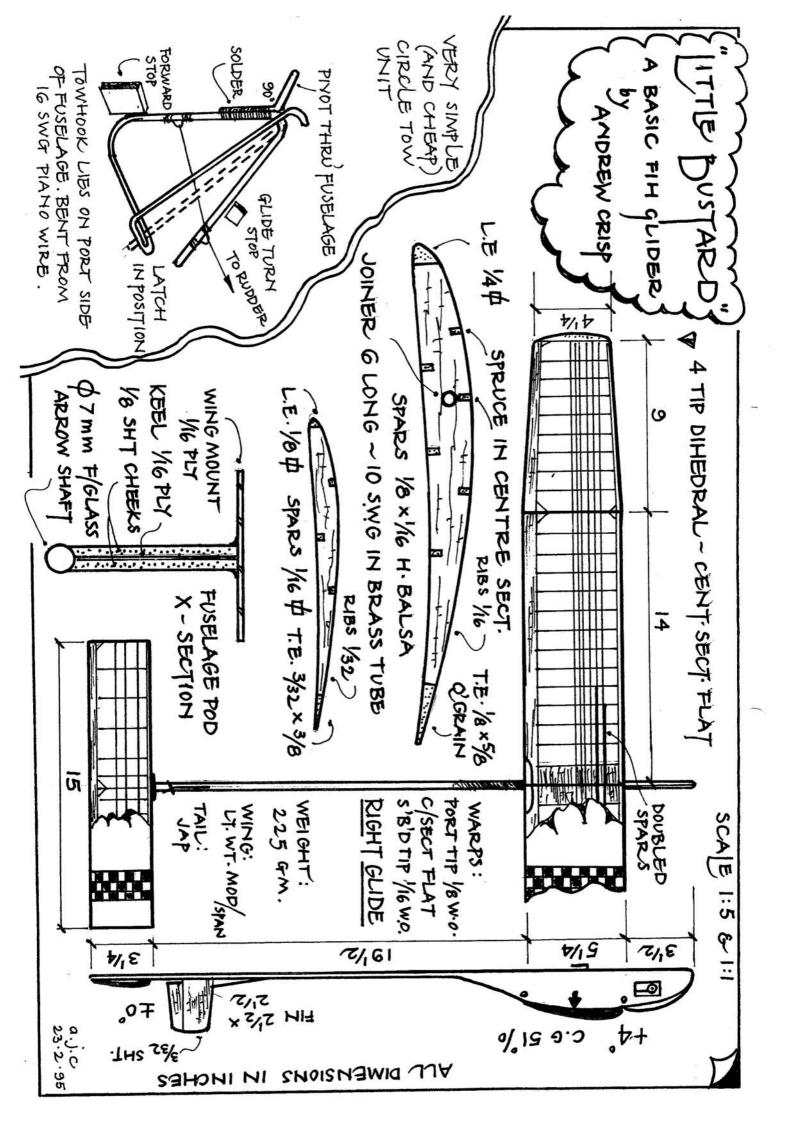
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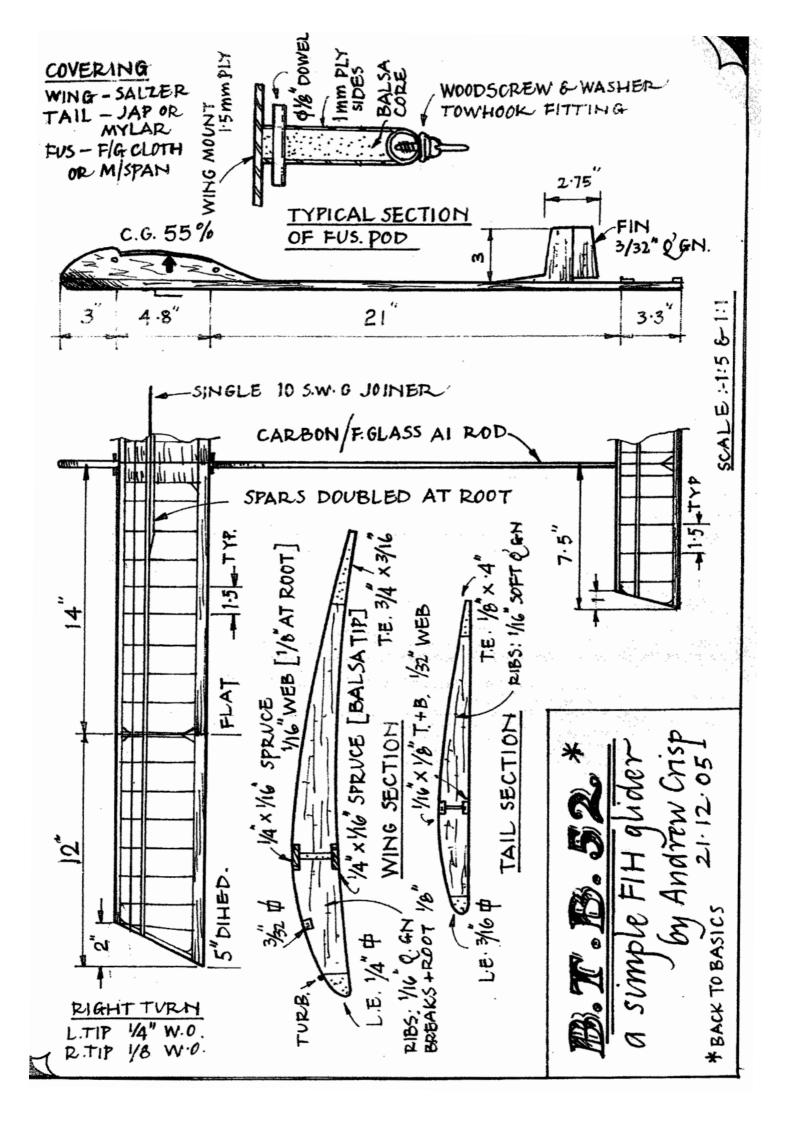
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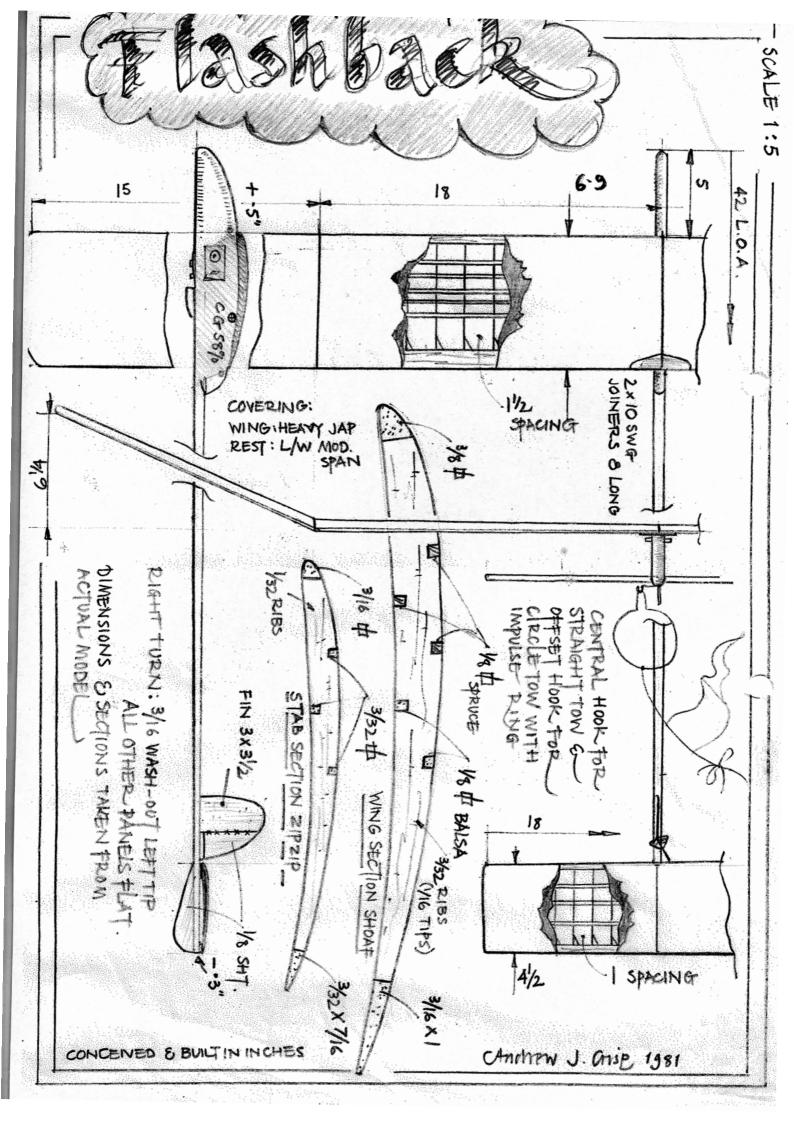
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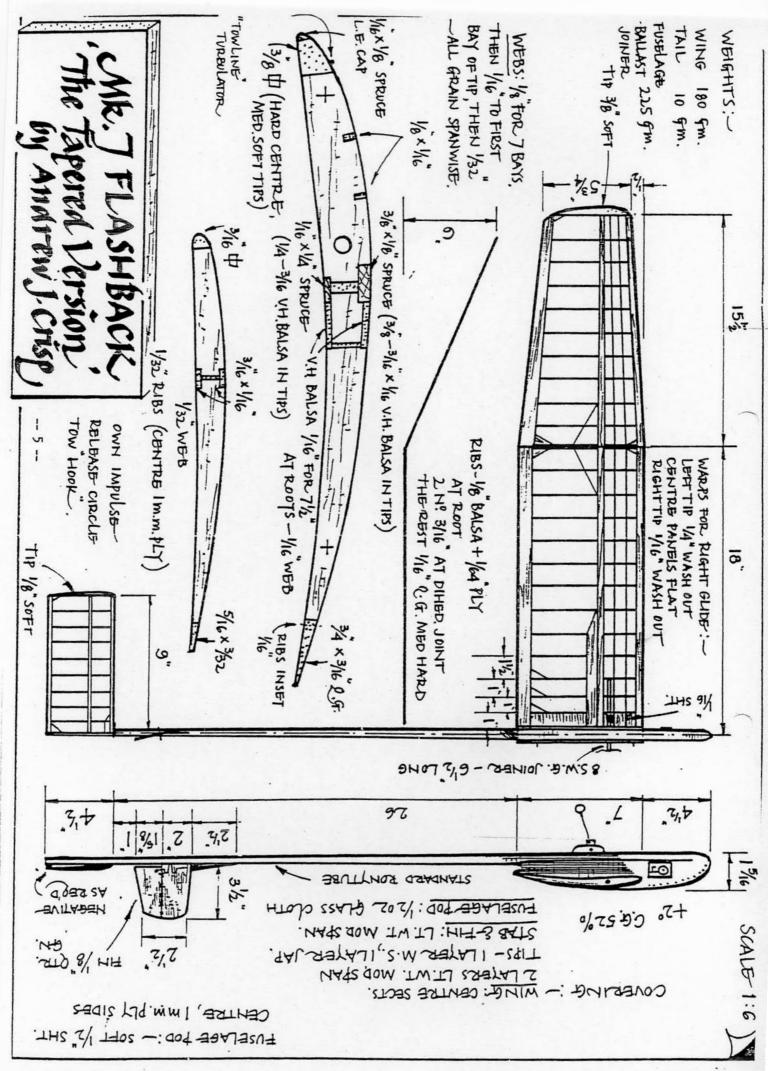
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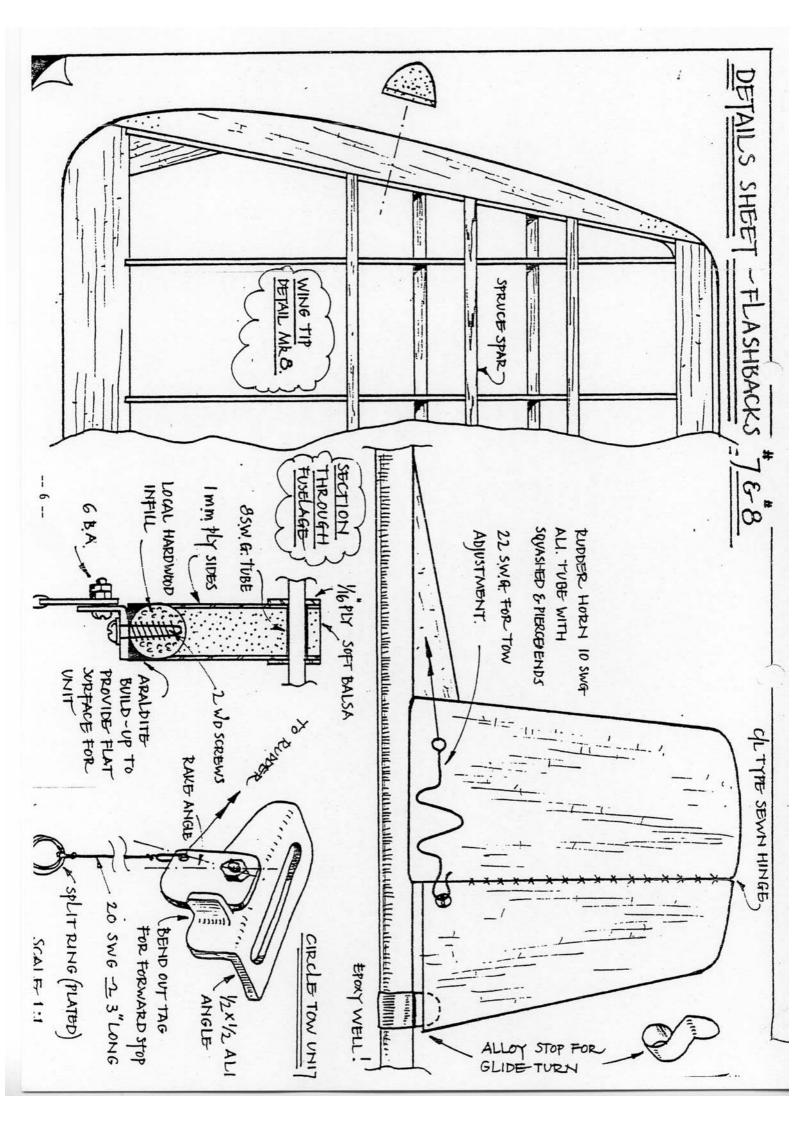
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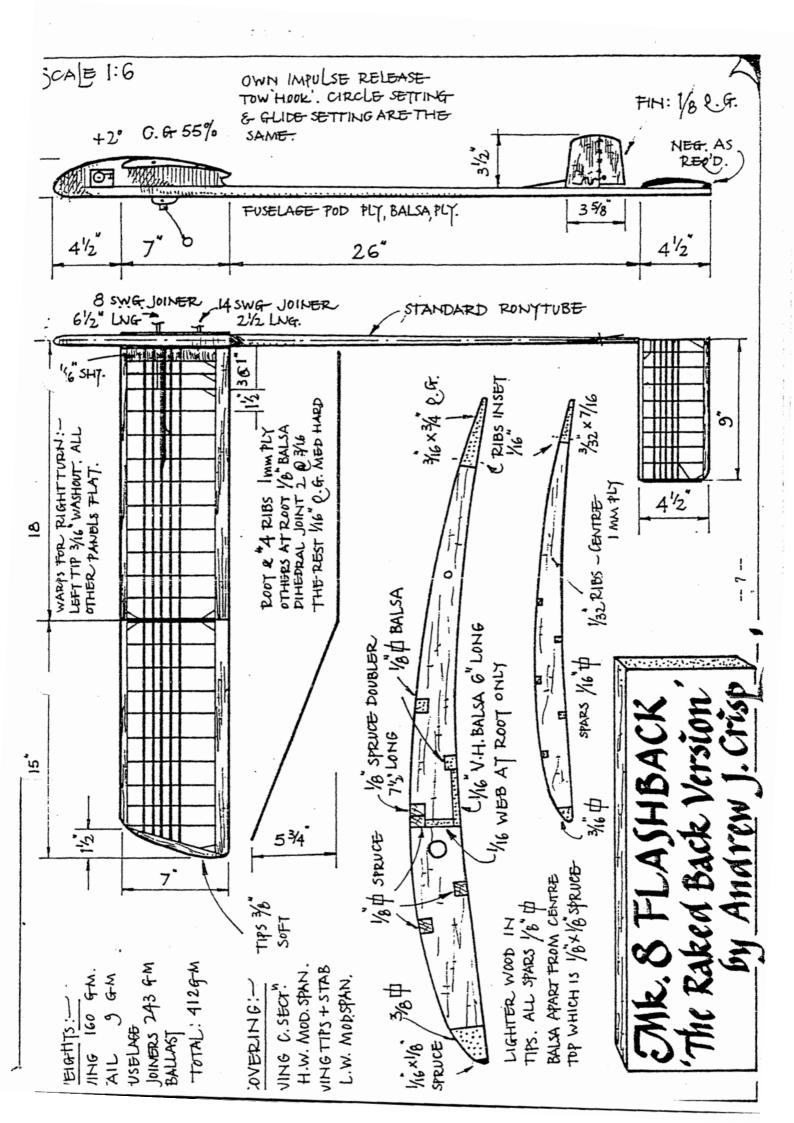


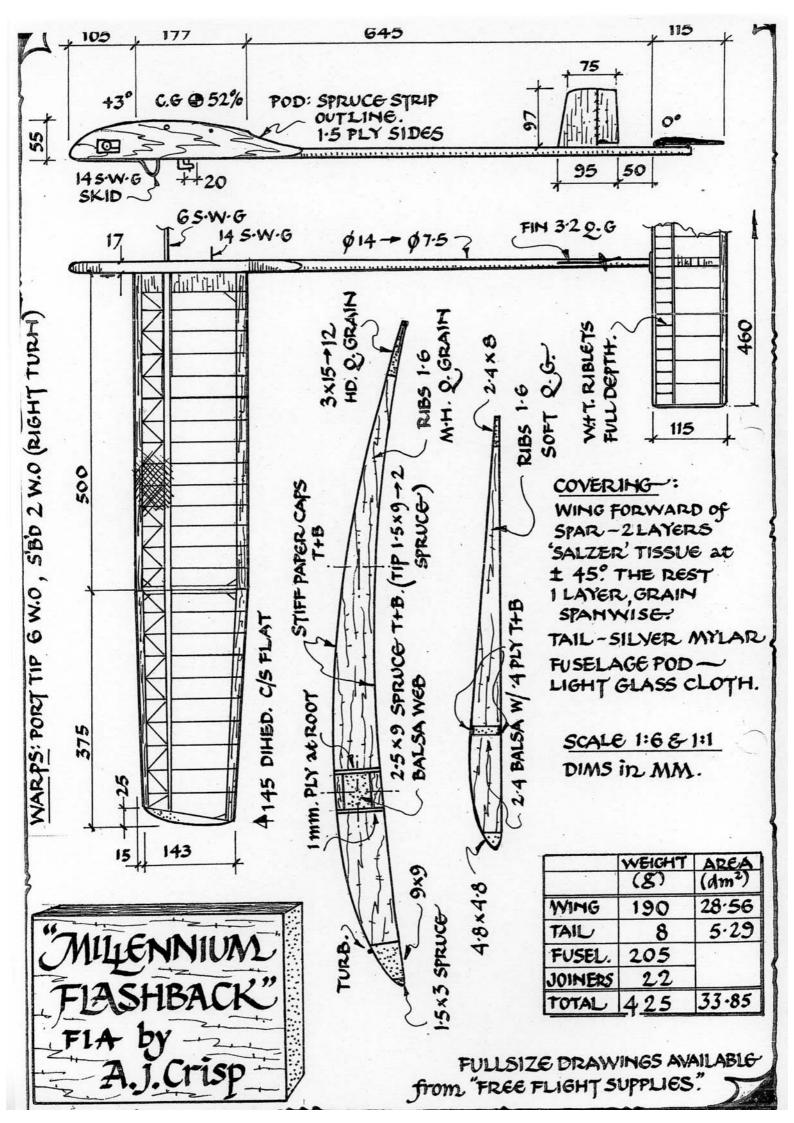


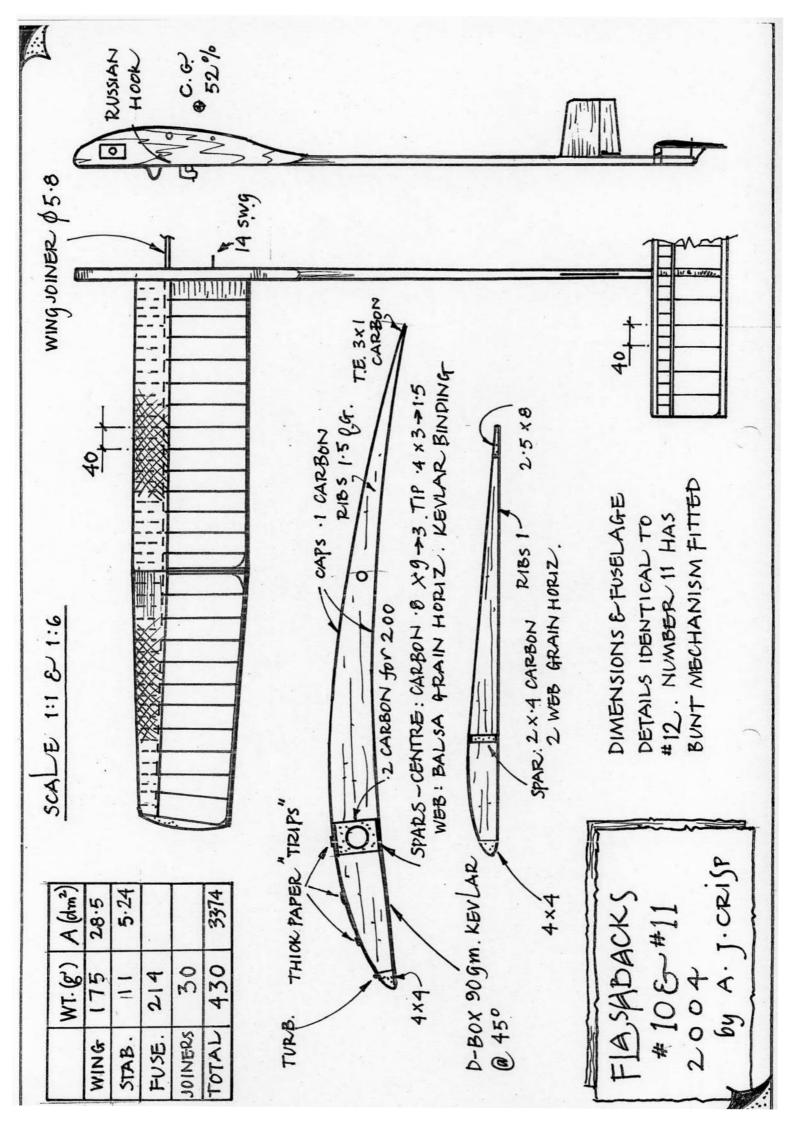


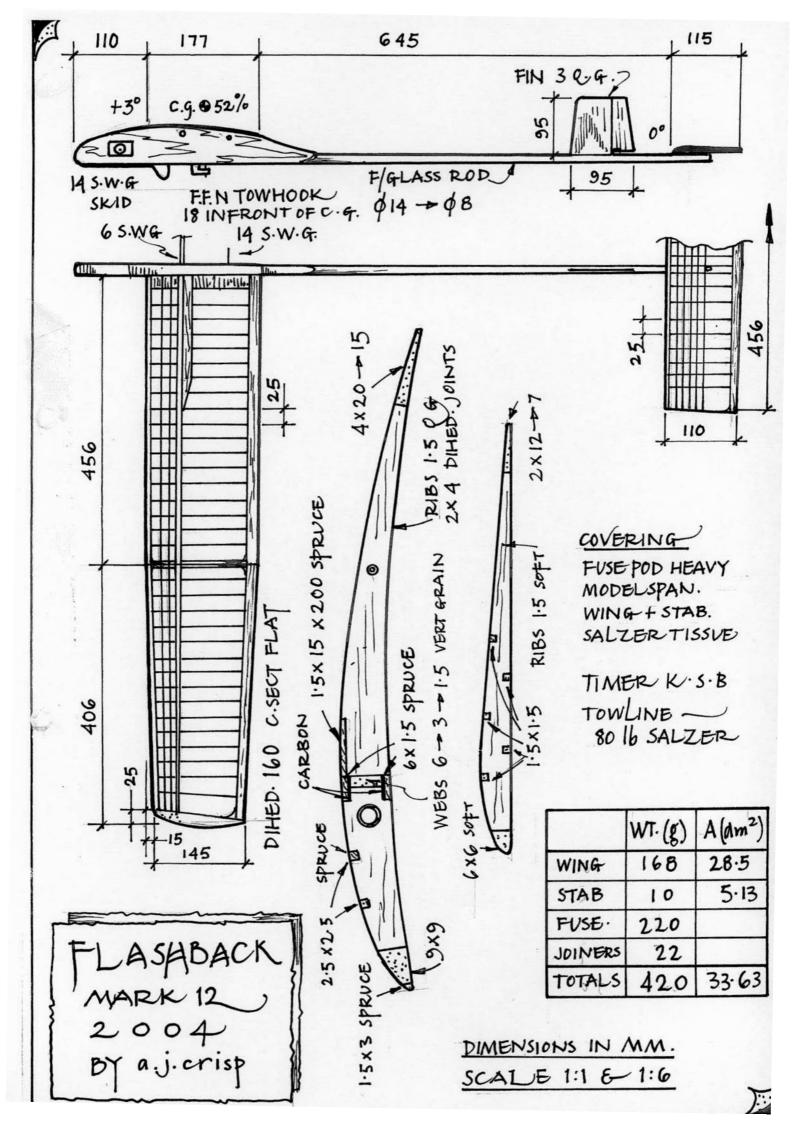


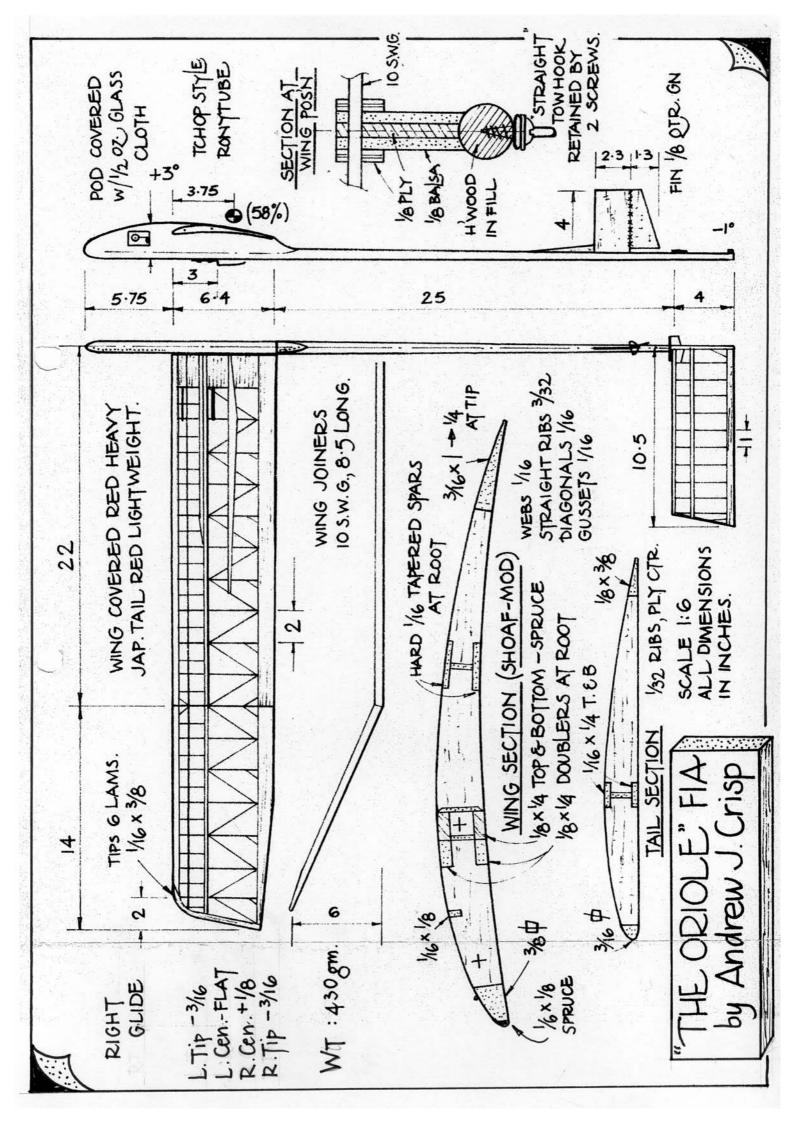


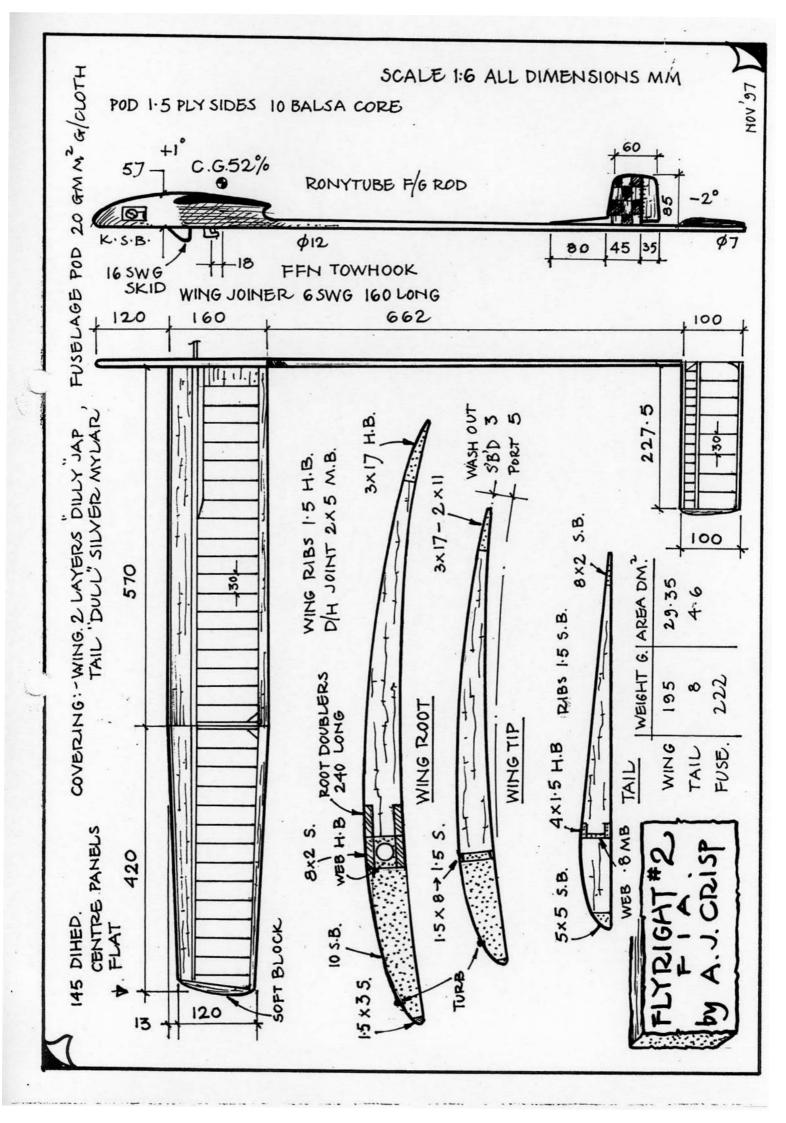


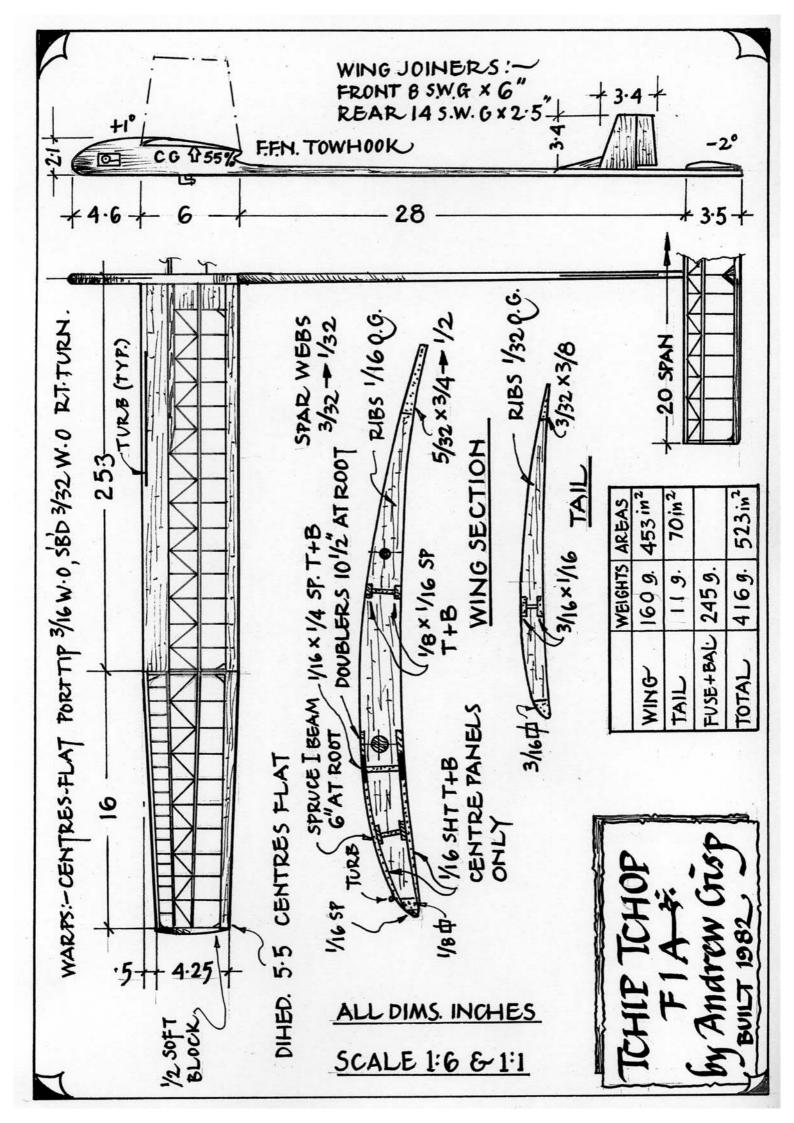


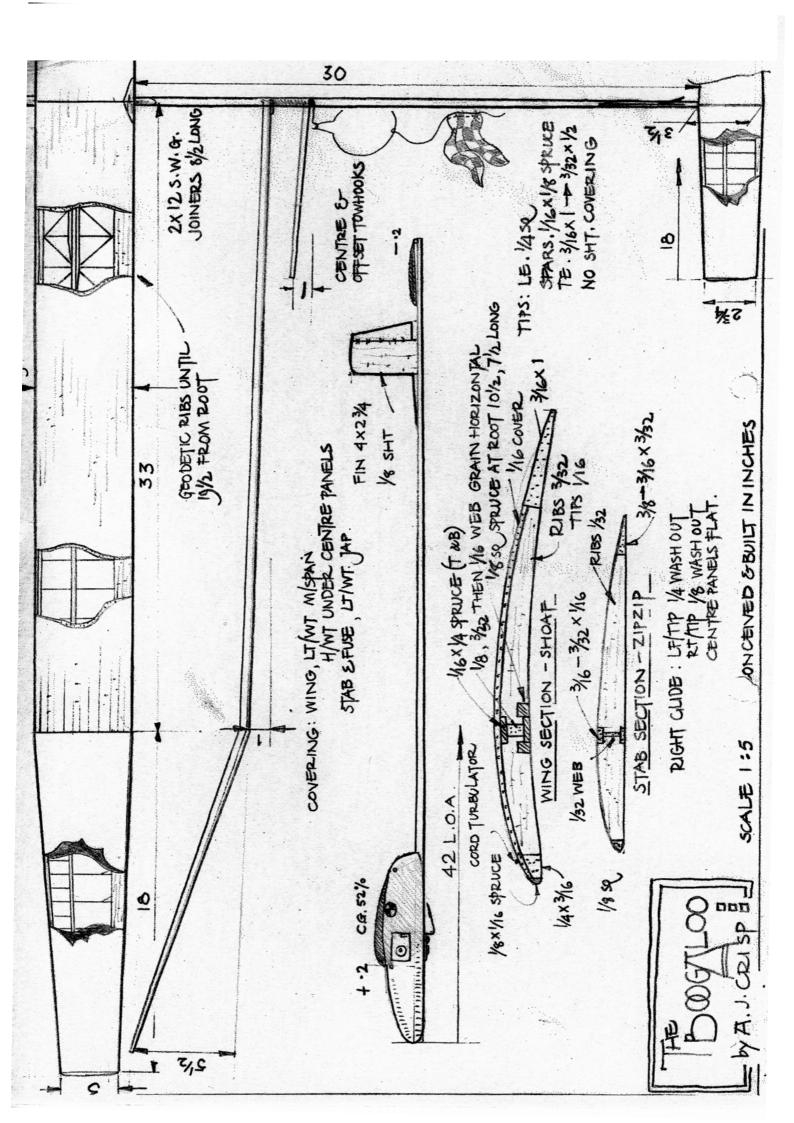


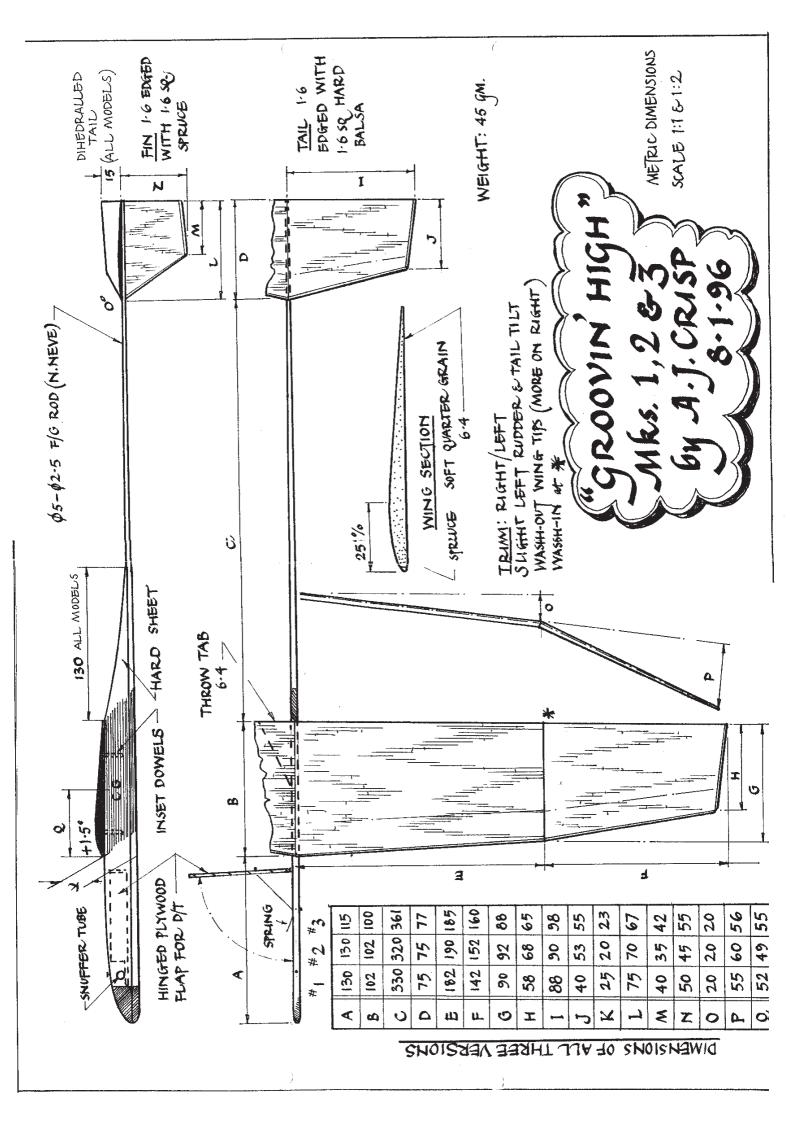












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