

Impington Model Aeroplane Club
Founded in 1946 by Ray Malmström

edited by Alan Paul
alanpaul@outlook.com

www.impmac.co.uk

(Background image: A technical drawing of an aircraft fuselage with various parts labeled with numbers and letters. Annotations include: 'SHEET COVERING TO CHOSE TO USE OF Balsa', 'SCAP SHEET FULL IN', 'CEMENT LIBERALLY', '3" x 1/2" STRINGER', '12', '13', '14', '15', '16', '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31', '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46', '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61', '62', '63', '64', '65', '66', '67', '68', '69', '70', '71', '72', '73', '74', '75', '76', '77', '78', '79', '80', '81', '82', '83', '84', '85', '86', '87', '88', '89', '90', '91', '92', '93', '94', '95', '96', '97', '98', '99', '100', '101', '102', '103', '104', '105', '106', '107', '108', '109', '110', '111', '112', '113', '114', '115', '116', '117', '118', '119', '120', '121', '122', '123', '124', '125', '126', '127', '128', '129', '130', '131', '132', '133', '134', '135', '136', '137', '138', '139', '140', '141', '142', '143', '144', '145', '146', '147', '148', 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Impington Friday meetings

Sadly it looks like these will be cancelled for a while as the Sports Centre is closed. An e-mail will be sent out prior to the first scheduled meeting on Friday 17th April and the website will be kept updated so check there!!

IVCMAC Videos

Just so you can find them easily, Terry Kings excellent videos of events at IVC, Old Warden and Middle Wallop from around 20 years ago can be seen [here](#) or on the miscellaneous section of Galleries on our website.

In addition, a search on YouTube for IVCMAC will turn up some more recent stuff

Lockdown flying

Ingenuity has been the order of the day over the last few weeks.

I tried Rubber FF in my garden [here](#) and [here](#). When that proved less than successful, I tried converting a rubber model to CL [here](#).

Kara flew her tiny whoop through and over her house [here](#).

Alasdair made an excursion from his garden into Exning Park [here](#).

Trev flew round the garden and allotments [here](#).

Alan did some night flying and surprised a cat [here](#).

Enforced Building?

Well, there would be no excuse for not doing this, so if you have any projects on the go, let me have a few photos and some explanatory words for the next newsletter which will hopefully come out at the end of this month!!

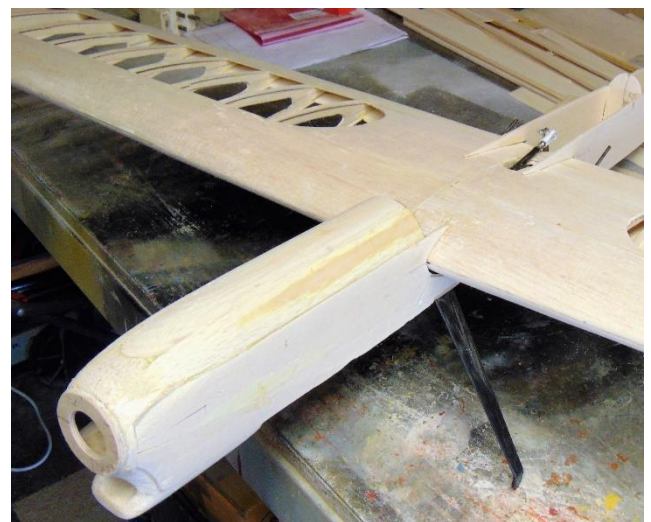
To get you started, John Copses new F2b control line beauty is reported next.....

John Copses KA-10 build



This is the KA-10 he is building for F2b (Control Line Precision Aerobatics). The KA-10 was designed by Russian F2b flier Anatoly Kolensikov and won the World Champs and was the forerunner to the Yatsenko ARTF (composite) models currently available at a mere £3K.....

The idea is to build light and strong. At the moment this one is very strong at one end and very light at the other. Long way to go yet!



This is a modified design and has a side mounted engine which together with the 'all-in-line' set up should give good performance both right way up and inverted. Current weight is 32 oz with engine, tank and U/C fitted. Target is that the finished model weighs 60 oz or less. Power is a NIB Supre Tigr 49 with tongue muffler.

The Dennyplane Story

Alan Hunter sent this update -

I have just completed an entire re-covering job on this model as it was originally covered in tissue applied with a glue stick. My models live in the garage and I assume because we have had a very wet and fairly mild winter mould attacked and it seemed to like eating glue stick. The poor model looked like it had a bad attack of the Black Pox everywhere glue stick had been used.



For tissueing I've now moved on to Wallpaper Border Paste as that has a fungicide in it...you can get a whopping tube for £3 on ebay or in DIY shops.

I'm rather fond of this model so I stripped all the covering off and re-covered in Polyspan applied with Balsoloc as I know mould does not attack that. I was messing with it on a recent Saturday Indoor FF session to test the tracking I'd altered. Its ground handling was vile originally but it seemed improved.



John Clarke was inspecting the model and asked about the relevance of the Pop Art graphic of the Lady on the fin and wing. I

related the tale of why and John thought the story could be of interest in the Newsletter...

I came to build the Dennyplane model via a rather circuitous route from my interest in long abandoned military sites that the UK is still littered with. On the North Norfolk Coast, right on the marsh edge near the village of Stiffkey, there is the remains of a large Tarmac ring with a stout pole in the centre. This was a Round the Pole take off track for Radio Controlled Target Drones operated by the US Forces in the very early 1950's for Anti Aircraft Gunnery practice.



The whole setup sounds rather dangerous as these Drones were around 12 foot span, powered by a flat twin engine driving the prop and accelerated round the track on a hefty Dolly until flying speed and lift-off was achieved, much as a CL Speed Model becomes airborne.



The Pole assembly had the makers nameplate on it for many years but some thieving git managed to get it off and away. The Pole was made by a company in Philadelphia.

Working back, I found that the company that produced these Drones grew from a business started by one Reginald Denny. Reg Denny was an English actor who moved to Hollywood and appeared in many films, usually playing the part of a typical English toff.



Reg had an interest in model aircraft and opened a model shop and production business in the 1930's in Hollywood producing Kits, Finished Models and, with others, the Dennyplane Petrol Engine.



Reginald Denny Industries developed and produced these Target Drones under the name of Radioplanes for the US military and this company employed one Norma Jean Baker in the production area.

The company was visited by a Forces Public Relations Photo Unit led by Army Captain Ronald Regan, yes, that one, and as Norma Jean was noted as an attractive young lady she was photographed holding a propeller next to a Drone. Through their contacts in the Film Industry Norma Jean became Marilyn Monroe and her career was launched on the world, the rest is history.....

There is an excellent presentation on the Web for further reading on the Target Drone launch site and more at <http://ed-thelen.org/RCATS&WhirlygigV5.ppt>



Norma Jean – aka Marilyn Monroe

The Dennyplane Model was designed in 1937 and the shop sold them in kit form or ready built. I decided I would build one at 50%. I printed the plan off and 50% gave me a wingspan of near 36 inches. The Dennyplane is loosely based on a Warner Radial engine Fairchild 24 because Reg Denny's mate had one, but simplified in the wing shape and undercarriage areas. The fuselage is just a box with side and top/bottom stringers added to give some shape. The original size Dennyplane had a spun Aluminium Cowl the size of a small saucepan but I elected to go for rolled ply and balsa construction.

Fitting RC was an absolute doddle, the Fuselage is over 70 mm wide and modern small RC gear is lost in there...it is certainly a chubby thing. The Brushless motor I fitted left me with a gaping great hole in the Radial Cowl front but luckily I found a near head on pic of a Warner Scarab Radial on the Web, so I scaled it, printed it off on card, cut a centre hole, and mounted it with the Brushless motor poking through.

The Motor fitted is known as an 1811 Pole and Stator Outrunner, a 2000kv one in this case, so 18mm dia and 11mm thick for the revolving bit that drives the prop. A decent one of these will produce 150 gm of static thrust on a two cell Lipo driving a slim, slightly cropped, GWS 7x3 prop. The Lipo is a two cell 300 mah and the servos are 3gm each. The AUW is also 150 gm as it happens, so it has a reasonable performance if I can just put an end to its nasty take off antics!! Damn Tail Dragers...



The original covering before the mould attacked it

What's this aircraft then?



Answer at the end of the newsletter.....

Marshall and the C130

Back in October I had to give a presentation to the RAF Historical Society down in Bristol on Marshalls involvement with the C130.

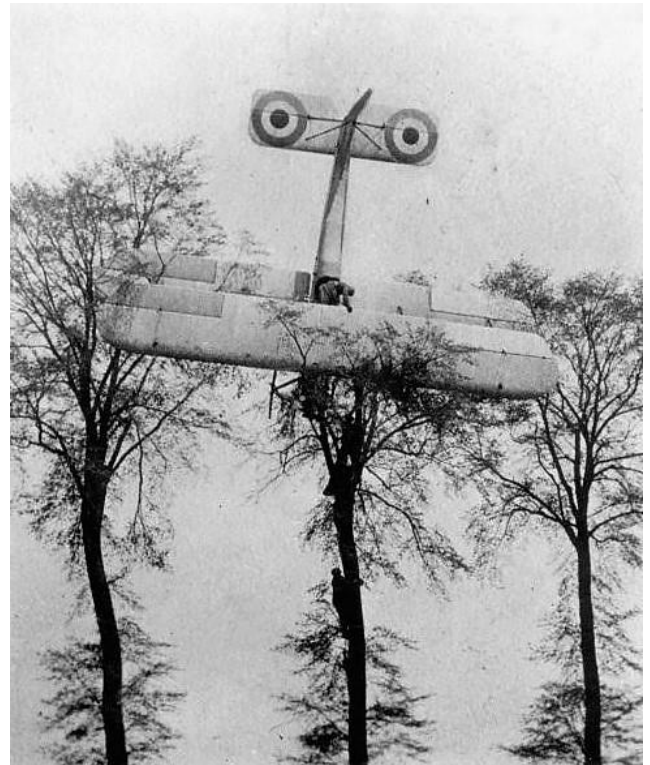
It was titled "The Accidental Service Centre" and covered the amazing way that Marshalls won the contract in 1966 and how the expected 10 year life of the Herc extended to over 50 years and literally saved the company.

If you are interested (or bored with the enforced lockdown), you can download and read the paper I wrote [here](#) (don't worry, it's mainly pictures!!)

Sales and Wants

If you find anything in your collection that you don't want and might be useful to other members, let me know and it will be advertised in the next edition.

Caption Competition



Thanks to Trevor for spotting this. The best caption so far is from Bryan, but can you do better?

The Pilot's calling down - "It's no good - you're going to have to shake harder than that".

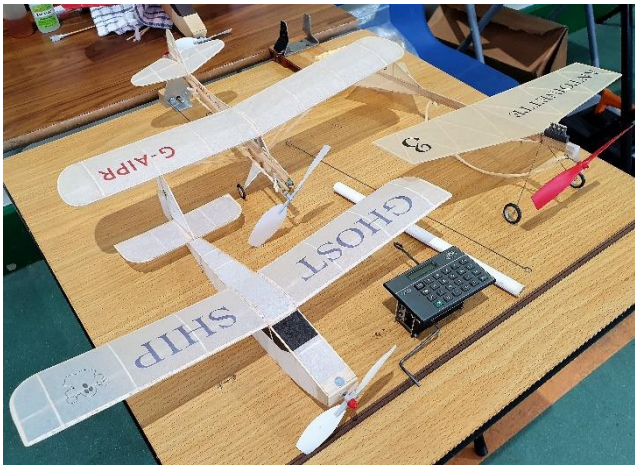
My attempt was a modification of the famous "Jaws" line - "Bruce - you're gonna need a bigger pole..."

Photos from the Open Day

I managed to snap a few photos - a large prize to anyone who can name them all.....



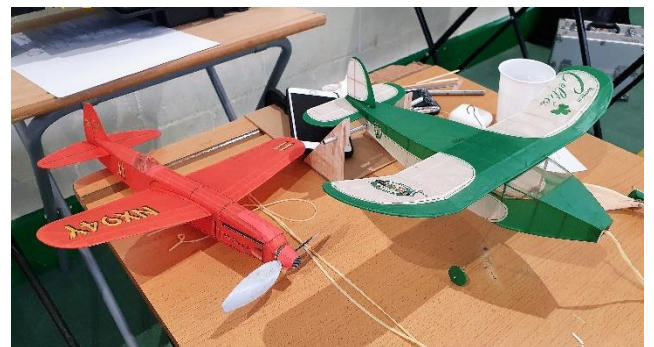
Visitor Paul Hoeyes Bostonian Chrislea Super Ace



Surely this a Ray Malmstrom design?



Even your editor can recognise a Stuka!



Despite the imminent arrival of the lockdown, there was a decent turnout for the Open Day on 16th March – quieter than normal, but an enjoyable day for all.

Answer to What's this then?

It's an RAF Hastings transport aircraft at IWM Duxford