The Electronic News letter of the Chichester and District Model Aero Club

Clear Dope

September 2021

Chichester and District Model Aero Club: Committee 2021

Chairman: Tony Chant: chairman@cadmac.co.uk
Hon Secretary & Treasurer: Tim Kerss: secretary@cadmac.co.uk
Thorney Rep Vice Chairman and Safety Officer: Derek Honeysett: thorneyrep@cadmac.co.uk
Deputy Thorney rep: Jeremy Stuttard: thorneyrep-2@cadmac.co.uk
Portshole Farm Rep.and Safety Officer: Ken Smith: portholerep@cadmac.co.uk
Deputy Portshole rep: George Gilchrist: portholerep2@cadmac.co.uk
Slope Rep and Safety officer Trundle Hill: Nick Gates: sloperep@cadmac.co.uk
Webmaster: David Hayward: webmaster@cadmac.co.uk
Junior Rep. & Junior Members Protection Co-ordinator: Donna Goff: juniorrep@cadmac.co.uk
BMFA Rep & CD editor: Ken Knox: editor@cadmac.co.uk
Membership Secretary, Jeff Cosford: member@cadmac.co.uk

Hello! This months events are the Army Families day Saturday 4th September so no flying that day, but we are putting on a static show so all hands to the pump for that please! Saturday September 11th is a Glider day (Weather and Grass permitting) so watch this space for more details.

Mike Notter writes,

I knocked up this little control line model recently. It is based on the Malmstrom design as featured in the well known 'Eagle Book of Model Aircraft', but is heavily modified in order to inject a bit of aerobatic 'oomph' into the performance. The original was all-sheet, had a 15" span and Mills 0.75cc power. This version has a built up wing of symmetrical section and an increased span of 20". Flaps have also been incorporated to increase the manoeuvrability. The fuselage has also been lengthened by 1inch and the tailplane enlarged somewhat. The U/C is sprung and detachable, being intended to avoid having to straighten out the legs after every landing! Power is a Frog 100 diesel, although this can be exchanged with the Frog 150 if necessary, since they have common crankcases and are the same weight. Overall, the model weighs 9ozs. It is currently awaiting flight tests.

Robin Colbourne, Tim Kerrs, Duke Benson and others visited Popham Model Show which was, by all accounts, well worth a visit, Robin writes a short report and Tim provides the pictures.

Despite the dismal forecast for the weekend, the Popham Model Show turned out to have good weather and was well worth the visit.

The flying display included some really spectacular models, including several large gas turbine jets plus a 55% scale, 550cc Yak-54. This and several other models flew with smoke from exhausts and canisters on the tips. Other models included an Albatros D.Va and a Rumpler Taube with both wing and tailplane warping.

There were a good selection of stalls selling used models and accessories, plus a smattering of stalls with new products. Hopefully if this show becomes a regular feature on the calendar it will attract the bigger retailers we used to see at Sandown, too.

I guess for safety reasons, the main car park was a considerable distance from the trade area and display line, however a shuttle service of three or more six-seater golf buggies were available for the hard of walking and those laden with goodies on the return trip. Several familiar faces were there, and other people to who I chatted turned out to be members from the further reaches of the CADMAC empire; well, Bognor, anyway!

Electronic newsletter of the Chichester and District Model Aero Club

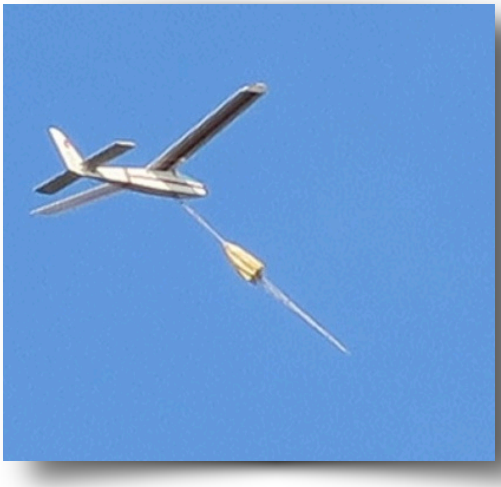
Electronic newsletter of the Chichester and District Model Aero Club

Clear Dope

Glider day 11th September 2021

After a long gap we are going to have a thermal and electric glider day on **Saturday 11th September at Thorney,** we will be recording times , only for fun though and we may even have a go with aero-tow if conditions are right.

So mark your diary's and wipe the dust off the Algebra's and the Bird-of-Time, any questions contact me, Ken Knox or Nick Gates, see you then
Ken



Storing that ever-expanding model fleet!

A few years ago my wife decided that she wanted a new dining table and came up with the “great idea” that the old one could go into the “Skunk Works” (aka my man-cave), as it would be “perfect” for my model building.

Unfortunately, there were two issues that this “perfect plan” didn’t take into account. The first was that the table filled up most of the room, restricting movement and secondly, all it did was effectively move the room’s floor up about 3 feet. Whilst this made working somewhat easier it proved to be an extremely two-dimensional solution for model storage!

Fast forward to this year, when the ever-expanding fleet meant that the room was becoming more akin to Steptoe’s living room than a workshop, and the slightest movement could result in some very expensive hangar rash! Something had to be done; the table had to go, and a new storage solution found. Luckily a very nice lady on Facebook Marketplace decided that the dining table was “just what she was looking for” and the coast was cleared for a revamp of my favourite room in the house.

In order to free up space for movement the design goal was simple: maximum model storage for minimum floor space. Clearly a vertical system was the answer, but what to use?

I don’t have the luxury of wall space on which to bang up some shelves, and also a secondary goal was to have a system that could be moved to meet future requirements and plans. Also, it mustn’t break the bank!

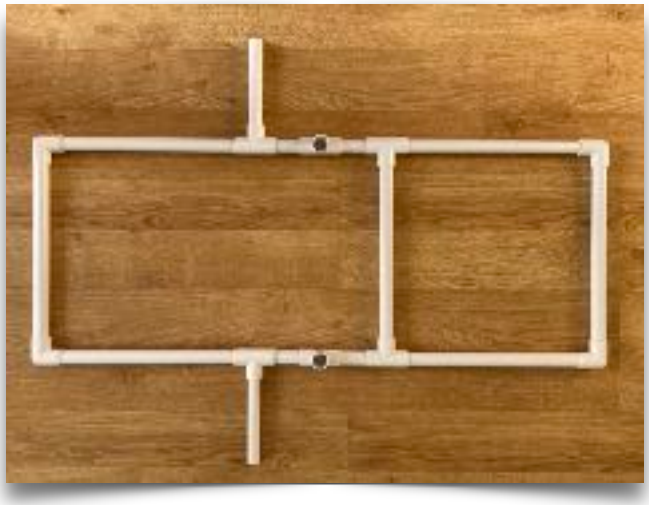
An internet search of the term “model aircraft storage” revealed a very blurred photo of what I considered to be the perfect answer.

I’d already had the idea of using plastic plumbing piping, having used it to make a couple of simple stands in the past, and the blurred photo was of a system using the same “technology” to construct a tower that would enable vertical storage.

Accordingly I set off to my local Screwfix and purchased a stack of “Flo-plast” 22mm waste pipes (each 3 metres in length) together with associated bags of “T” connectors, corners and pipe lagging. The latter to provide a soft support for the valuable cargo.

The photos show the construction design and concept:

The base & ceiling support - basic design



…. and with pipe lagging applied

The base was designed to minimise toppling potential and, as the intention was always to make it a floor to ceiling tower, a similarly shaped construction was attached to the top to prevent movement there.

Vertical construction started **Initial concept test with models**

Having measured a number of models in height and span I decided to make the width between supports 30 cm, with a vertical separation of 20 cm; the supports themselves are 30cm in length .

The joints were secured with solvent weld. However, as the structure began to take shape, and increase in height, a problem began to emerge. In spite of the fact that all joints were secure, the tower became ever-more “wobbly” with increasing height. “Never mind” me thinks; “the inverse base at the top will stop the movement”, and construction was continued regardless. (If in doubt …. press on!).

Eventually the floor to ceiling structure was complete, with just about sufficient rigidity to risk a test load of models; so far, so good! A little wobble, but all appeared well - so, load more models!

Now for the moment that all of you that enjoy a little schadenfreude will like. A couple of days later my wife and I were enjoying a tipple on our patio outside on during the one day of summer this year (remember that?) when a sickening crash emanated from the man cave!

I didn’t need to look to know what had happened. The sight that greeted my eyes wasn’t pretty - in fact it was carnage! A leaning “tree full of models” spilt against the wall, lying one on top of the other.

Luckily the total damage was limited to a broken Viper rudder, but it could have been a lot worse. Clearly something had to be done!

The solution has been to bite the bullet, and attach the top piece into the ceiling with a couple of screws. Unfortunately this does rather limit the mobility of the system but, overall, the original aim has been achieved and I’m pleased with the result. Storage for up to 11 models, and a lot of extra floor space!

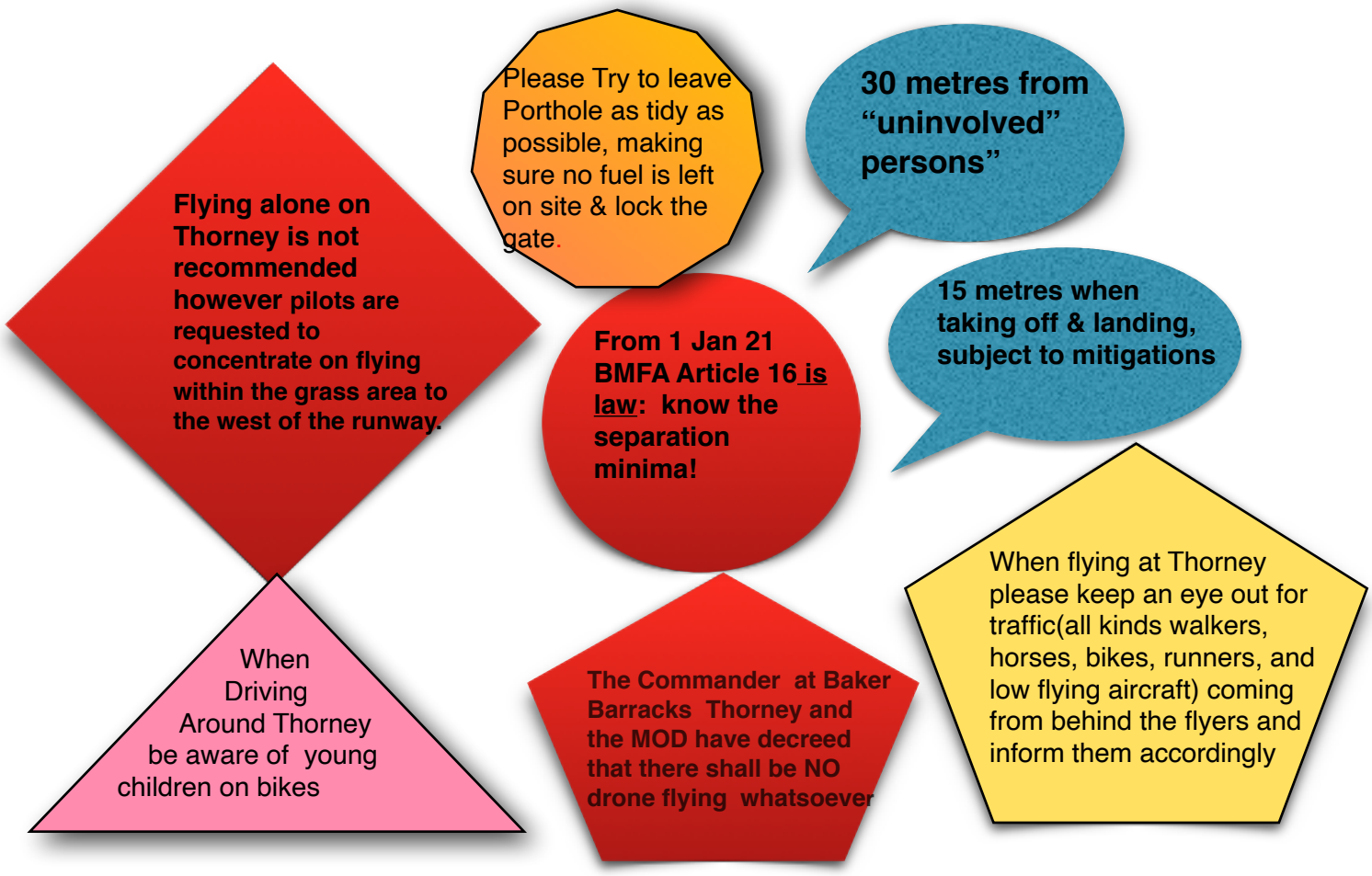
The total cost was about £30, which didn't break the bank either, so the wife gets that pair of marigolds she's been wanting after all!

Tim Kerss

The final result; firmly attached to the ceiling!

…. and finally … a reminder that our **last** flying evening of the year on the Fishbourne playing fields will take place on **Thursday 9th September**, starting at 6.45pm.

Weather permitting, we hope to see you there!



The club Facebook page is now in its fifth year. It has over one hundred members. It contains many contemporary site reports, and has a wealth of photos in its archives.
Administered by Nick Gates. David Hayward & Ken Knox
Here is the link:-
https://www.facebook.com/groups/Chichesteraeromodellers/