

# PETERBOROUGH MODEL FLYING CLUB



## NEWSLETTER- MAY



Smiling faces at the start of the season on Good Friday at Ferry Meadows

Once again your magazine editor must apologise for the lateness of this issue, no excuses this time, other than pressure of work. (What a silly age to go and get a day job!).

The outdoor season is at last upon us. The weather gods at Ferry are back in control again. Naturally I missed the opening day of the season, but from the looks of the photos that Chairman Ted took, a perfectly splendid time was had by all. My winter building plans are not even nearly finished, so I'll be digging through last years models to see if there is anything still flyable, or if not flyable then at least fixable.

Marc Ashby, Pete Adams, Tony Crollie, Brian Whitelock, Chairman Ted and I all went to the Indoor Nationals held at Nottingham University on April the 24<sup>th</sup>. What an inspiration! The standard of building continues to amaze and humble. So many highlights, Peter Smart's winning Gigant, Richard Crossley's Flight of the Phoenix (complete with the monkey!), Peter Iliffe's work in progress, a jig built monocoque fuselage that is so thin the light shines through. Fabulous stuff.

This issue has some updated information from Ted on his li-poly timer. it's a list of the components as available from Maplins, with all the relevant part numbers. Seems there is a problem with getting the bits from Squires

The organisational work for the Cabbage Patch 60th Anniversary Control-line Celebration continues as I write this. Brian Lever tells me there was a 147 point check list to be completed before everything was ready! (And you thought it was just a couple of phone calls and turn up on the day!!). Please put the date in your diary and turn up if you can, your help will be hugely appreciated. The date is June 19th. The venue is the Embankment. The time is early.

*When I was a kid I used to pray every night for a new bike.  
Then I realised that The Lord doesn't work that way, so I stole one and  
asked Him for forgiveness.*

Here is some information on the **Jim Moseley Postal Event** for the **Keil Kraft Senator**. Note that there is a prize of cash money! If that isn't an incentive then I don't know what is.

First kitted by Keil Kraft in 1950, the 'Senator' has become recognised as an excellent design that combines simple robust structure with outstanding performance. Very popular in British 'Vintage' events, it also can do well in North American 'Category III' classes – Nostalgia Rubber, Moffett and Mulvihill, etc. for which 120 second maximums are a formality and it can be taken well past 180 seconds with little extra effort.

There is no entry fee. The winner will receive a minimum prize of US\$80.00, or the equivalent in any other currency – the final sum will reflect exchange rates at the close of the event but presently equates to approximately C\$100, £45.00, A\$110.00, NZ\$120.00, etc.

Further enhancement of this sum and/or provision of further prizes is dependent upon any donations received. The lengthy timescale of this Postal is to permit any modeller an opportunity to participate, no matter where in the world they might be located.

Models are to conform to the standard Senator kit plan; the structure may be amended only for the purposes of D/T installation – whether tipping stabiliser (LE down), tipping wing or hinged rear fuselage – and the undercarriage leg may be removable for storage/carrying purposes. Glazing of the 'cabin' is optional. Any freewheel propeller up to a maximum of 13" diameter may be used and there are no restrictions on rubber motor size/weight.

Three flights shall be made to a 120 second maximum. If three Maximums are achieved, then successive flights may be made with the maximum increasing by 60 seconds on each occasion, until the target time is not realised e.g. 120. 120. 120. 180. 240. 211 = Total Score 991 seconds

All flights to be pre-nominated to a timekeeper; the initial three should be made on the same day but successive fly off flights may be made at the flyer's discretion, similarly timed.

Entries/scores may be forwarded to me at any time and I will endeavour to keep participants informed with regular interim updates as well as a final report and result sheet, which will be further publicised as widely as possible. Accompanying anecdotes and photographs would be very welcome and are encouraged.

I hope that you will give this event your support and also encourage others to participate. The 'Senator' is a vice-less airplane, easy to build and to fly with very satisfying performance; my only advice is to keep the structure aft of the CG as light as possible to reduce the need for any nose ballast to a minimum.

Jim Moseley      jjmoseley@look.ca

(ed's note. Postal entry forms can be had on Tony Hall-Willis' web site, <http://myweb.tiscali.co.uk/freeflightpostals/> or e-mail Jim directly at the above email. For those of you not yet on the

### More smiling faces at Ferry Meadows on Good Friday



You've heard the saying "it ain't rocket science"? Well, here's some stuff from **real** Rocket Scientists.

As scientists and concerned citizens, we applaud the recent trend towards legislation that requires the prominent placing of warnings on products that present hazards to the general public. Yet we must also offer the cautionary thought that such warnings, however well-intentioned, merely scratch the surface of what is really necessary in this important area. This is especially true in light of the findings of 20th century physics. We are therefore proposing that, as responsible scientists, we join together in an intensive push for new laws that will mandate the conspicuous placement of suitably informative warnings on the packaging of every product offered for sale in the United States of America. Our suggested list of required warnings appears below.

**Warning:** This product warps space and time in its vicinity.

**Warning:** This product attracts every other piece of matter in the universe, including the products of other manufacturers, with a force proportional to the product of the masses and inversely proportional to the distance between them.

**Caution:** The mass of this product contains the energy equivalent of 85 million tons of TNT per net ounce of weight.

**Handle with Extreme Care:** This product contains minute electrically charged particles moving at velocities in excess of five hundred million miles per hour.

**Consumer Notice:** Because of the 'uncertainty principle,' it is impossible for the consumer to find out at the same time both precisely where this product is and how fast it is moving.

**Advisory:** There is an extremely small but nonzero chance that, through a process known as 'tunneling,' this product may spontaneously disappear from its present location and reappear at any random place in the universe, including your neighbor's domicile. The manufacturer will not be responsible for any damages or inconvenience that may result.

**Read This Before Opening Package:** According to certain suggested versions of a Grand Unified Theory, the primary particles constituting this product may decay to nothingness within the next four hundred million years.

**This is a 100% Matter Product:** In the unlikely event that this merchandise should contact antimatter in any form, a catastrophic explosion will result.

**Public Notice as Required by Law:** Any use of this product, in any manner whatsoever, will increase the amount of disorder in the universe. Although no liability is implied herein, the consumer is warned that this process will ultimately lead to the heat death of the universe.

**Note:** The most fundamental particles in this product are held together by a 'gluing' force about which little is currently known and whose adhesive power can therefore not be permanently guaranteed.

**Attention:** Despite any other listing of product contents found hereon, the consumer is advised that, in actuality, this product consists of 99.9999999999% empty space.

**New Grand Unified Theory Disclaimer:** The manufacturer may technically be entitled to claim that this product is ten-dimensional. However, the consumer is reminded that this confers no legal rights above and beyond those applicable to three-dimensional objects, since the seven new dimensions are 'rolled up' into such a small 'area' that they cannot be detected.

**Please Note:** Some quantum physics theories suggest that when the consumer is not directly observing this product, it may cease to exist or will exist only in a vague and undetermined state.

**Health Warning:** Care should be taken when lifting this product, since its mass, and thus its weight, is dependent on its velocity relative to the user.

**Important Notice to Purchasers:** The entire physical universe, including this product, may one day collapse back into an infinitesimally small space. Should another universe subsequently re-emerge, the existence of this product in that universe cannot be guaranteed.

Pete Adams showing that he is still the undisputed “slam-dunker-of models-in-the-Whittlesey-basketball-nets-champion” either that or he’s retrieving Marc Ashby’s model in a well aimed 3 pointer.

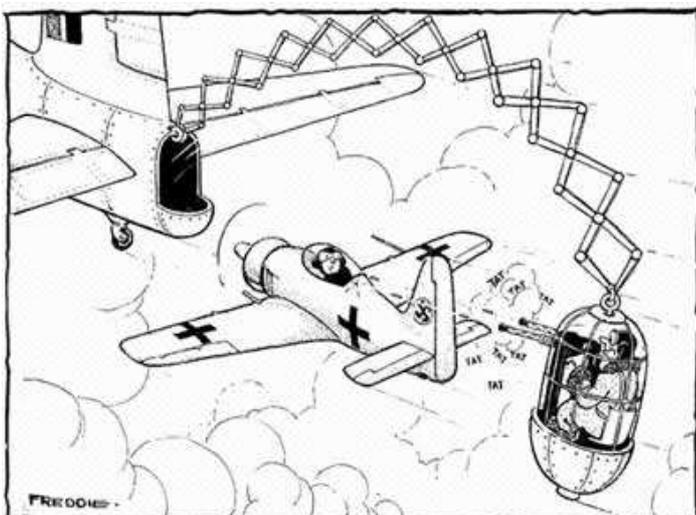


Another offering from our very own renaissance man **Ray Innes**.

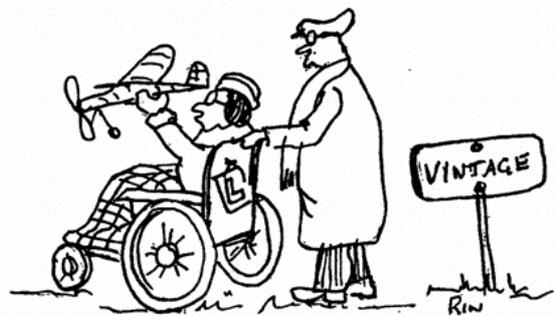
**-The Ferry Experience –**  
(or everything comes to those who wait).

The treacherous wind breathes one defiant sigh  
 And homing geese dissect the darkening sky.  
 The piled up rain clouds slowly slip away,  
 Late ramblers homeward plod their weary way.  
 We, who have sat and watched with hopeful heart,  
 Gather our prized possessions unwilling to depart,  
 Surely one moment more can do no harm?  
 When through the murk a joyful shout.....

**FLAT CALM!**



The new “Freddie” rear gunners turret. Patent Applied For



Another of our Ray’s sideways looks at aeromodelling

Peter Kay's Universal Truths



Despite constant warning, you have never met anybody who has had their arm broken by a swan.

The most painful household incident is wearing socks and stepping on an upturned plug.

People who don't drive slam car doors too hard.

You've turned into your dad the day you put aside a thin piece of wood specifically to stir paint.

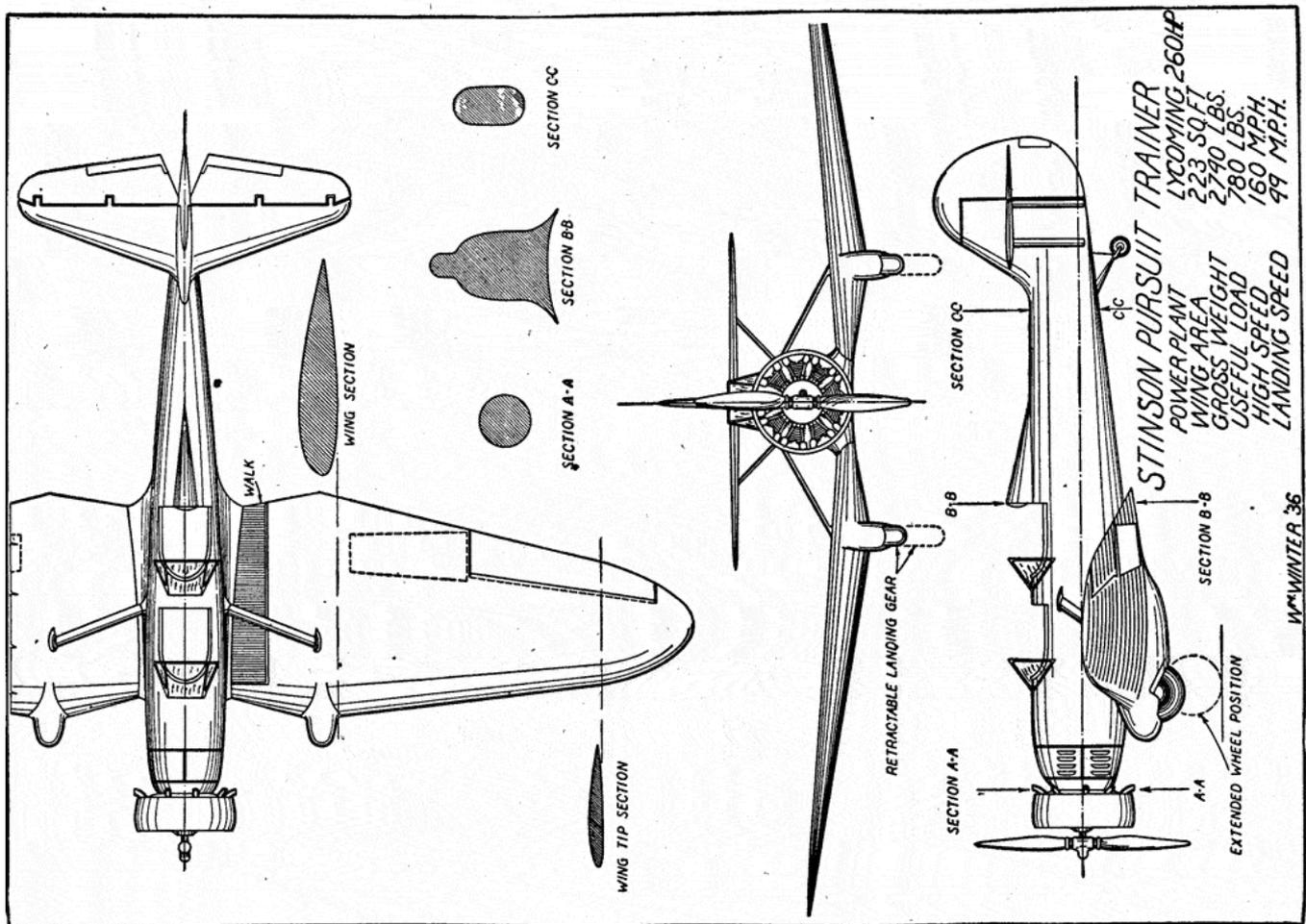
Everyone had an uncle who tried to steal their nose.

In every plate of chips there is a bad chip.

Knowledge is knowing a tomato is a fruit;  
Wisdom is not putting it in a fruit salad

Prodding a fire with a stick makes you feel manly.

For crying out loud, I was *hibernating!*  
.....Don't you guys ever take a pulse?



A good looking aircraft don't you think? Make a fine model. Electric perhaps?  
Using li-polys and Ted's Timer?

This came from an internet forum and, given the current price of fuel, I thought it an interesting piece of information

### 500 miles per gallon of gasoline using existing technology-

By combining existing hybrid gas/electric @40-50 MPG with dual fuel gas/grain alcohol engines present technology can produce vehicles that achieve 500 MPG of gasoline.

Of course the alcohol fuel distilleries/infrastructure has to be put into place, probably by government subsidy, but if it limits the domestic demand for petrol, and adds a new revenue stream for existing oil companies, it might be an option. For the home farm, it also means home generated fuel from agricultural waste. (stalks, chaff, etc) Interesting proposition.

But and that is a big BUT, will the oil companies allow that to happen?

They have not spent one iota of their money to investigate alternate sources of fuel and although some use Alcohol as an additive, alcohol is still a partially burned fuel (it contains oxygen as a constituent part of the formula) pre oxygenated means pre burned....and cannot under any circumstances produce the mileage that is obtainable from pure mixed hydrocarbons C4 to C12. The reason that diesels get such good mileage is the fuel itself it runs from C10 to C25 and contains far more carbon than hydrogen and that is where mileage comes from. Today's gasolines are far more finely refined than what was available in the fifties and sixties and the higher molecular weight HCs are cracked down to C6 and C7 to produce more gasoline but less mileage. New Gasoline contains very few molecules of C8 or above and that is where the mileage went. So now you know.

For those amongst us who believe that small is indeed beautiful, here are some shots of MAV'S (micro-air-vehicles). The research is ongoing with military applications, but these little beauties look like they'd be great fun!



#### On Being an Expert in Free Flight

*The only difference between an expert and an amateur is plenty of sandpaper and a strong thermal.*

*George Perryman; Air Trails*

#### Peter Kay's Universal Truths

*You're never quite sure whether it's ok to eat green crisps.*

*Triangular sandwiches taste better than square ones.*

These are the Maplin code part numbers for the PMFC FET timer as several people were having problems with Squires sourcing the FET components.

You can just telephone this order to Maplins on 0870-429-6000 between 0800-2200 hrs and pay with debit card or credit card over the phone.

There is no minimum order , however a minimum postal charge of £2.50 is applicable if the order total is less than £35.00. The additional battery box component with switch is a new modification which makes using the timer a lot simpler for another 99p !

I'm afraid you still have to go to WH Smiths to buy a 99p packet of brass paper fasteners as Maplins don't do stationary items....

.Go on, build one of these timers and leave it permanently in the model and get into Lithium free flight power !

Watch out for my purple Stosser free flight model on Friday evening at Ferry Meadows and see how well it flies on the tiny £6.00 90 mA lithium cell and £ 9.99 Falcon PU04 motor /gearbox and folding prop combination which are available from Flighthook.

### MAPLIN ORDER LIST

<u>STOCK CODE</u>	<u>QUANTITY</u>	<u>Part Description</u>	<u>Price</u>	<u>TOTAL</u>
M1M	10 off	1 MEG resistors	£ 0.07p	£ 0.70p
VH13P	10 off	100 UF 16V	£ 0.06p	£ 0.60p
N93AG	10 off	BUZ 71 FET	£ 0.43p	£ 4.30p
FW01B	1 off	Pot Lin 4k7	£ 0.99p	£ 0.99p
RX02C	1 off	Calibrated knob	£0.89p	£ 0.89p
L90AN	1 off	PP3 battery box with switch unit	£ 0.99p	£ 0.99p
L47AH	1 off	PP3 9Volt cell	£ 1.49p	£ 1.49p
LKR31J	1 off	10m thin black flexible wire for up to 6 Amps current rating of a motor up to KPO2	£ 1.39p	£ 1.39p
BA40T	1 off	10 m red flexible wire as above current rating	£ 1.39p	£ 1.39p

### Peter Kay's Universal Truths

*Rummaging in an overgrown garden will always turn up a bouncy ball.*

*You always feel a bit scared when stroking horses.*

*Everyone always remembers the day a dog ran into your school.*

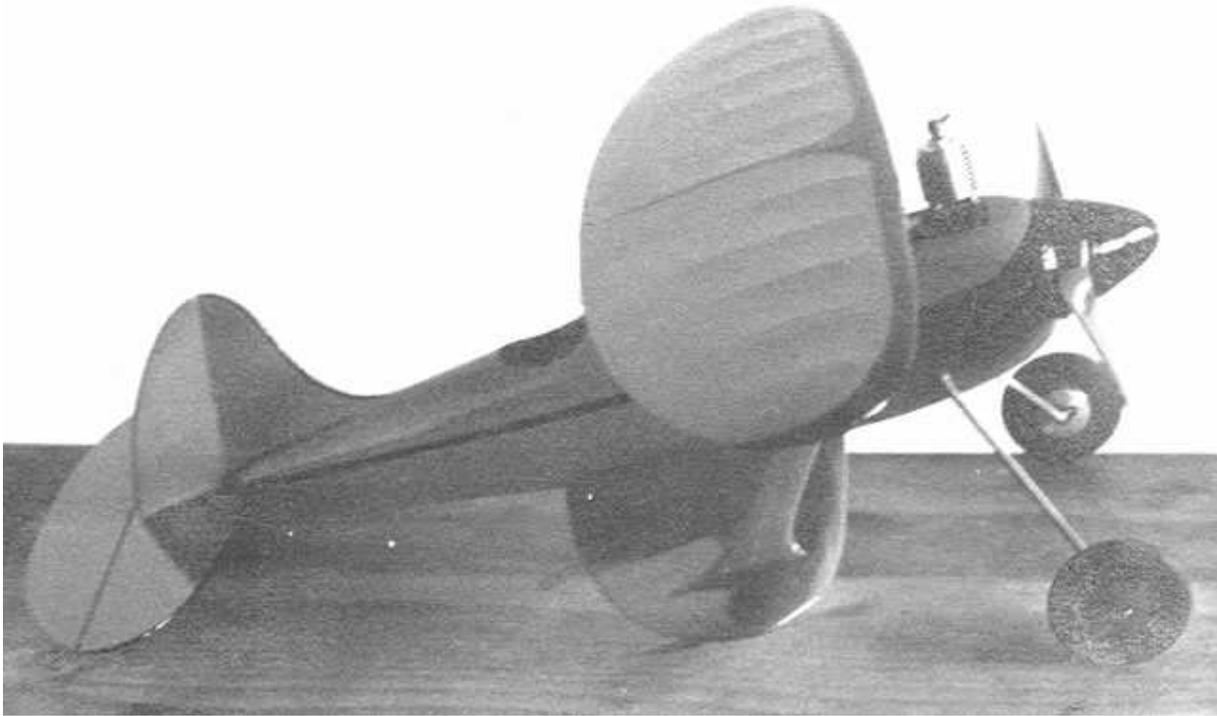
*Its impossible to describe the smell of a wet cat.*

*The most embarrassing thing you can do as schoolchild is to call your teacher mum or dad.*

*Every bloke has at some stage while taking a pee, flushed half way through and then raced against the flush.*

*Its impossible to look cool whilst picking up a Frisbee.*

*There's no panic like the panic you momentarily feel when you've got your hand or head stuck in something.*



I'd just put the issue to bed, (as we say in the publishing biz!!! ) and I was doing some research in some old Radio Modellers, (don't ask!) when this old photo fell out of a binder. Nothing written on the back of the picture, no idea who's it was or even what model it is. It looks like a biplane version of the Keil Kraft Phantom, but I'm pretty sure that someone in the club will know what it is, maybe even who built it. Given the Cabbage Patch 60th Anniversary Control-line Celebration is but a few weeks away, It seemed serendipitous that this pic should chose to fall out at my feet when it did. (if the owner of the photo is out there and wants it back, I have it in safe keeping).

I know it's a bit soon and the outdoor season has only just started, but I got the Oundle dates for this/next year in my e-mail and rather than lose them and forget to publish them I thought I'd put them in this issue.

#### Oundle Indoor Dates 2005/6

28 Oct  
09 Dec  
06 Jan  
03 Feb  
03 Mar Contact for any queries Lionel 01832 732003

Once again, don't forget the Cabbage Patch 60th Anniversary Control-line Celebration on the Embankment on Sunday June 19th.

14th May. Old Warden May Fly Aeromodelling & Evening Air Display  
15th May. Old Warden Aeromodelling day  
16th July. Old Warden Scale Aeromodelling & Summer Evening Air Display  
17th July. Old Warden Aeromodelling day  
30th and 31st July. Old Warden. SAM 35 Aeromodelling Weekend

See you all down at Ferry. Corrections, critiques and contributions to me. Burn44@aol.com

*What do you call a fish with no eyes? A fsh. (have I printed this before?)*