

# Clear Dope

September 2020



Chichester and District Model Aero Club: Committee 2020

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*Hello everybody hope you are all well and active Any Comments on Articles or additions please do contact me All the Best Ken Knox*



## Clear Dope contributions from Ken Smith, Portshole Rep and Training Co-ordinator

It is good that so many members have been enjoying flying at Portshole. The weather has been particularly kind on some afternoons and evenings.

### The Portshole 'Poo' farm

I've received a gentle reminder from the manager of the Waste Water Treatment Plant at Portshole that we should not be allowing our models to overfly their site. The Poo Farm is already listed as a Portshole no fly zone but it is all too easy to drift over the boundary particularly when making a landing approach from that direction. Please try to be careful to avoid any potential problems.

The good news is that I now have an up to date contact name and number for the Poo Farm manager.

### SE5a Photos



Ken Smith with his SE5a at Portshole on a sunny August evening. Built from a Super Flying Models kit it flies well but best saved for those calm days. Covered in Oratex, it uses a 4S lipo.



## ELECTRIC MODEL THROTTLE KILL SWITCH FOR A FUTABA T9CP (FIELD FORCE 9) TRANSMITTER and TC10

from Bruce

Many of the new breed of transmitters on the market today have a dedicated 'Throttle Kill Switch' specifically for electric models, which bypasses the throttle gimbal and renders the model safe pre and post flight. Just like myself, ex CADMAC Safety Officer, Morris Campbell, owns an old but versatile T9CP transmitter with no such dedicated switch. However, following some little research on web he came up with this solution which not only brings the old FF9 into line with recent CADMAC safety recommendations but also allows you use any of the transmitter's switches as your nominated throttle kill switch. Personally I found this procedure very quick and easy to perform and I'll drop it into our Facebook Page's files area for future reference.

First you need to set up a mixer. With the transmitter switched on, press and hold the mode button until the **BASIC** menu comes up, then press it once more to go to the **ADVANCED** menu settings where mixes are.

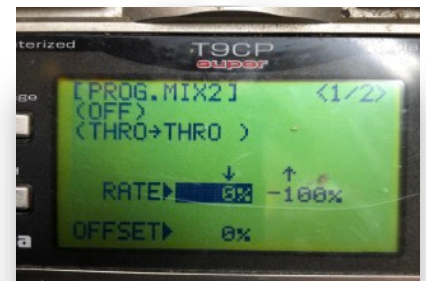
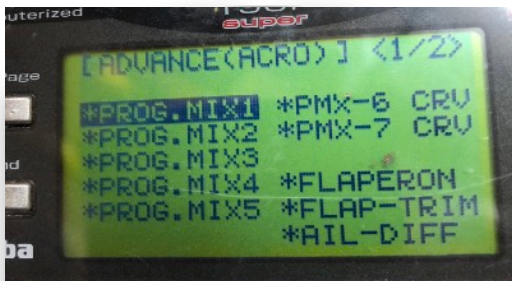
Now select a mixer by using the cursor buttons, then press the rotary knob to go into the mixer.

Next scroll through the mixer until the screen shows the 7 lines of the mixer state. Using the cursor buttons move the cursor to the top (**MIX**) now rotate the rotary knob till **ON** is shown.

Move your cursor down line to (**MAS**) then rotate the rotary knob until **THRO** is shown, move the cursor down once more to the (**SLV**) and again rotate the rotary knob until **THRO** is shown

Move the cursor 3 lines down to **SW**, then using the rotary knob rotate the knob and set the switch you want to use to kill the throttle.

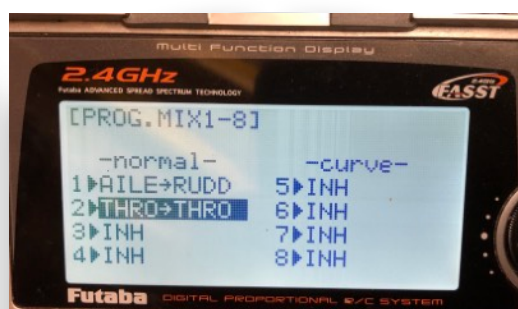
Now press the cursor down one more time to **POS1** and rotate the rotary knob until **UP** is shown.



Next press the cursor button down to **RATE** on the second screen and move the throttle to the up position, the cursor will move to the right, rotate the rotary knob clockwise until you reach **-100%**. (minus one hundred percent)

Finally press the 'cursor down' button once more to **OFFSET**, move the throttle stick all the way down and then press and hold the rotary knob until the **OFFSET** goes down to **0%**.

Now you should find that when the switch you assigned is away from you, the throttle will be locked in the 'down' (Safe) state and will only work when the switch is pulled towards you.



## A Tale of Woe submitted by Robert Swan

### My modelling "construction activities" has had to be "modified" somewhat !

Because my wife has some memory issues and seems to be moving towards Dementia, I have had to move the construction/maintenance activities in to our lounge.

So I modified one of my building boards into a small "settee friendly" workstation (see photo one). That way I could carry out small/medium size operations and she would be able to cope with her insecurity problems.

Now to the "tale of woe". I was working on a GWS Skyhawk and had replaced the existing EDF with a 12 bladed unit, for more power.....my first mistake!

I was about to test out all of the electrics. I had looked all around the table to check that there were no loose bits lying around, but did not rise from the sitting position...my second mistake!!

I connected the lipo and had confirmation all was well with the required "beeps", I moved all of the servos and checked that they were in the right directions, then got hold of the throttle stick but did not check again.....my third mistake.

I advanced the throttle and all was well for a second at low revs, it was then that I made my fourth mistake!! I moved to full throttle but it did not get anywhere near it when there was a loud "pop" and a screech and, you've guessed it, the motor stopped.

It took me the best part of two hours to dig out the paper towel that had been hidden from me at the start. If I could have been bothered to get up and look properly this would never have happened! Such is the power of modern EDFs.

I was in the Fleet Air Arm in the 50s and 60s so have an interest in Naval Aviation. There is a YouTube video of a deck hand on an American Carrier being sucked into a planes intake and he survived!! If it hadn't been for quick thinking of the pilot and a "fence" inside the intake, they would have been, as I did not some occasions, washing him over the side!!



**Roy Scott** has produced another fine model on his 3D printer flew well on its maiden flight carried out by **Adrian Childs**



Following government guidelines Tim conducts a cordless buddy training session



Peter Doe in full flight launching Duke Benson's control line model



**Flying alone on Thorney is not recommended however pilots are requested to concentrate on flying within the grass area to the west of the runway.**

Please Try to leave Porthole as tidy as possible, making sure no fuel is left on site

When Driving Around Thorney be aware of young children on bikes

**The Commander at Baker Barracks Thorney and the MOD have decreed that there shall be NO drone flying whatsoever**

When flying at Thorney please keep an eye out for traffic(all kinds walkers, horses, bikes, runners, and low flying aircraft) coming from behind the flyers and inform them accordingly

The club Facebook page is now in its fourth 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. and David Hayward

Here is the link:-

<https://www.facebook.com/groups/Chichesteraeromodellers/>