

**PMFC ATTEMPTS TO ACHIEVE A BRITISH NATIONAL RECORD  
BY FLYING ELECTRIC POWERED CONTROL LINE MODELS  
FOR 24 HOURS OF FLIGHT IN LESS THAN 30 HOURS!!**

**WHY:** To put the club down in the SMAE official record books.

To raise funds for St Pega's Church in Peakirk who had their lead roof stolen and have had to raise £120,000 to replace it. Church funds are exhausted and the medieval wall paintings require urgent restoration.

**WHEN:** June 21/22 2021 ( subject to Covid regulations at the time)

**WHERE:** Peakirk Village Green, Peakirk, North Cambridgeshire, England.

**HOW:** We are building 7 Den Saxcoburg " **ACE**" all sheet control line models designed for electric power. The power train will consist of brushless motor, 1000mAh, 35C fast charge li-po battery, ESC and timer giving variable flight times of 0-10 minutes and 100% power of 3 seconds for take- off reducing to 80% for economy during flight.

Two circles of 30' radius will be marked out on the village green and models will be flown in tandem until the 24 hours is reached.

Assuming an average of 5 minutes per flight this will give an average of 12 flights per hour ( probably slightly less allowing for battery changing, crashes and technical issues) Over the 24 hours of flight period this will equate to at least 288 flights. Shared between 7 models this will require not less than 42 flights per model. Assuming we have at least 8 pilots ( ideally we wish to have 12 pilots) available this will require an average of 36 flights per pilot equating to 3 hours of flying. The models will all have a bright led to help night flying. As it is Mid Summers day only some 5 hours will be totally dark.

We estimate it will require at least 20 batteries and 8 dual output chargers to attempt the record. In addition we will have spare motors, props, esc and timers as back up for failures.

**SUPPORT:** To help the whole attempt the village community will be supporting our endeavours with a whole host of activities, a number of which follow:-

All day breakfasts, bbq, tea, coffee, beer, champagne ( if we succeed!) snacks, shelter and cat naps in a caravan sited alongside the flying area, marquee for battery charging, shelter and meals. A 240V power supply will come from a property adjacent to the Green. Car parking and toilets will be available at the nearby village hall. Three local doctors will be on standby to provide any first aid .

The Church Bells will be rung to announce the start of the record attempt and will be rung again when we finish. Local youngsters ( and young at heart) will be entering a competition to make drawings/paintings of the models and flying as we attempt the record and there will be a raffle for people to win a training flight with one of the models at a later date.

**PILOTS:** Peterborough MFC has around 6 control line flyers who have flown in the last 12 months. One or two more who have not flown for some time. Ideally we wish to have 12 pilots available to share the flying. If you are a current control line flyer and would like to support the record attempt then please contact Brian Lever who will be pleased to chat with you. Tel: 01733 252416 e-mail: [blever@btinternet.com](mailto:blever@btinternet.com)

**DONATIONS:** If you wish to make a donation to help save St Pega's Church and the medieval wall paintings we have created a Just Giving site. Please go to:- [www.justgiving.com/fundraising/Brian-Lever](http://www.justgiving.com/fundraising/Brian-Lever)

If you have any further questions please get in touch with Brian who will be pleased to speak with you.

With Thanks for your support.

The PMFC Record Breaking Team.