

Cornwall Aero Modellers

NEWSLETTER

May 2016

Club Executive

President: Karl Kingston
Vice-president: Rick Besner
Treasurer: Roger Belanger
Secretary: Mike Cafferky
Field manager: ?
Events: Jack Dikland & Merv Blizzard
News editor: Frank Reaume
Safety Officer: Taylor Pratt

The May meeting was held at Minimax, with 10 members present.

- The treasurer's report was presented and adopted.
- The executive will ask Terry Cooper to take on the task of being field manager for 2016.
- Funds have been allocated to rent a bulldozer for the purpose of clearing the rocks, stumps, and shrubs along the north side of the field.
- Quite a few members have not yet signed the MAAC Safety document. Extra copies will be made available in the clubhouse for this purpose.

- There were sparse crowds at the Cornwall Square for this year's Mall Show. Accordingly, the club is considering moving the event to a date closer to the Christmas season, possibly late October.
 - Denis Poirier has delivered the large storage batteries needed for our solar power project. The treasurer has placed an order for the solar panel and inverter, so that construction can commence in the near future.
 - May 14 has been designated as the spring workday at the field.
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Club members brought out their aircraft for the annual Mall show on April 30 at the Cornwall Square.





One of the club's original founders, Cliff Merpaw, was honoured with a lifetime membership.



Some sad news from the Ottawa area – Fred Zufelt is closing Dynamic Hobbies. Here is his Facebook posting regarding this event:

It is with a tear in my eye and a sigh of relief; I have to announce I am closing FredZ Dynamic Hobbies as of June 30, 2016.

We have had 24 years of RC fun, I have enjoyed the experience very much and the people I have met and helped.

The biggest thanks has to go to my CUSTOMERS, not only for their support by sales, there are far too many to list that volunteered to help out with wherever was needed from donating equipment and time to work on the tracks and the store. I just can't say enough to thank you all.

I want to treat my customers to something nice, at a great price, so order up what you want and enjoy the savings. We are going to keep business as usual for May with TAXES OFF the whole store every day, even on special orders with FULL deposits. My last customer order will be 28th of May.

My life is changing (I'm getting old) I want to enjoy my retirement with my wife. We have a lot of plans; RC fun will be at the top of my list. Now I can enjoy and not worry about business.

This is why I decided not to renew my lease and shut the business down.

The sun shelter was set up on the May 14 workday.

Here are the guys trying to fit together all the pieces of the puzzle.

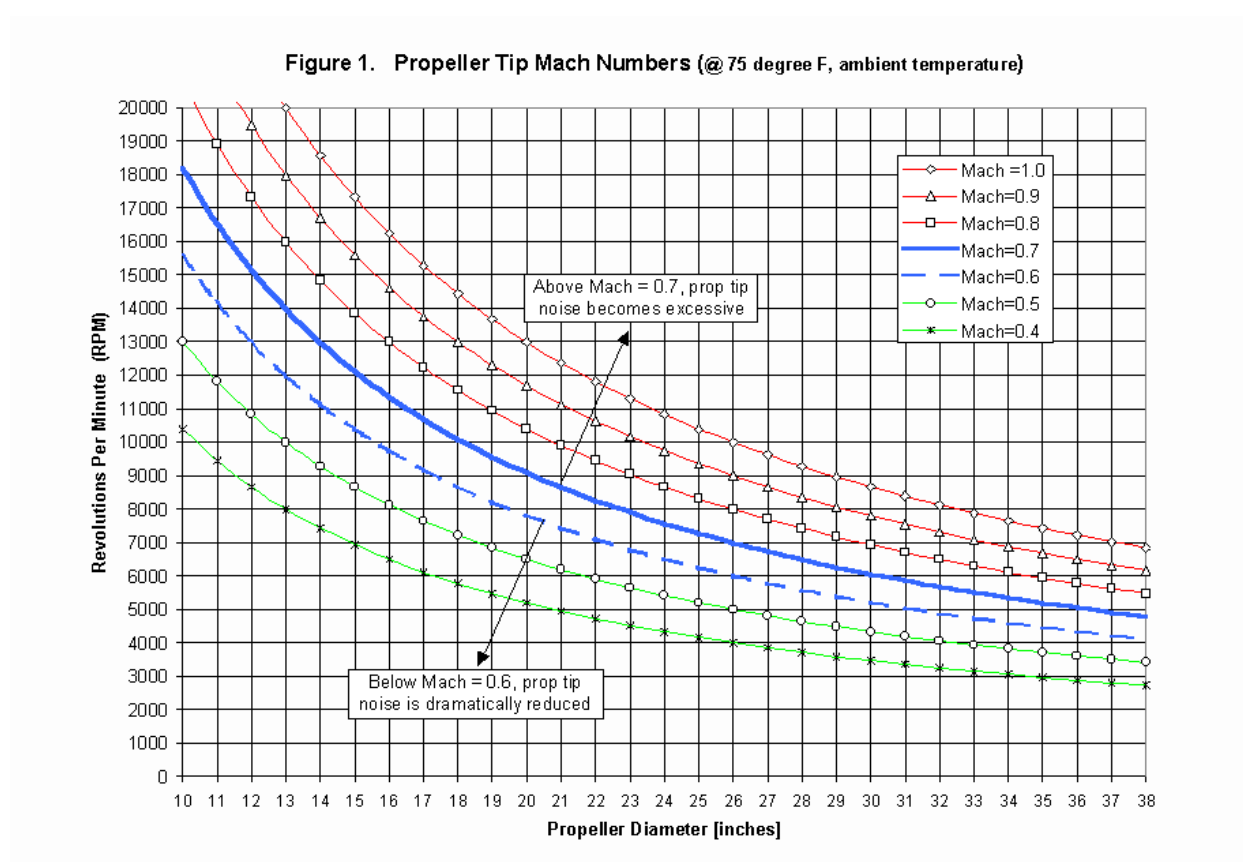


And here is the result for all members to enjoy come summer!



Here is some information on the subject of noise caused by propeller ripping.

This study was done by IMAC back in 2005-2006 by the Sound Task Force, headed by Wally Pitts and George Hicks. A graphic was drawn up with SPECIFIC information regarding when the prop reaches particular "Mach speeds". Somehow, this research has been lost to history!



As one can see from this chart, the prop tip does not actually have to reach Mach 1. The prop tip noise begins to occur at Mach 0.7.

The prop tip does not have to reach Mach 1 to have shocks on the upper surface of the blade since the local air is accelerated as it moves around the blade. Since air is a gas, it would be incorrect to say the prop is cavitating. However, blade stall is probably the term you'd want to use if you think you're getting flow separation on the upper/forward surface of the blade, which is usually accompanied with excessive noise. So, "ripping" is likely caused by local shocks at the tip.

News from MAAC concerning the Model Aviation Magazine – digital version:

The iPad App is available.

The tablet app version of Model Aviation Canada has been approved by iTunes and is now available for free download. The January and March issues are available free of charge but we will be moving to a system where membership preferences will control the availability of the magazine subscription online.

The android tablet version is in progress, and is expected within the next couple of weeks.

Enjoy!
