



Skywords

**The Newsletter of :
Burlington Radio Control Modelers Club
P.O.Box 85174 Burlington Ontario L7R
4K4**

December 2009

President's Message

Our November meeting went very well, thanks to Paul Gentile for the idea and thanks to you for the very good turn out, one of the best this year.

At this meeting the members voted to allow the board to spend up to \$700 on advertising for the July 17/18th Warbirds over the Bay (henceforth WOB), even though final approval for overnight parking has not yet been received from the City of Burlington. (We are supported by Staff when the matter goes to committee) Between the Scale Rally and this new event, June and July are going to be busy; as they should be.

Members also agreed to spend up to \$2,500 to buy and install a 20' container at Bayview to store our mobile equipment. This will allow us to clean out and clean up the "club house" so we can use it as was intended. We will also save about \$600 per year on room rentals for board meetings.

See you December 17th free coffee and donuts, just what you need to get your waistline ready for for Christmas.

Tom Gwinnett



Mike Block's BA Hawk



Ivan's Spitfire



Laddoi Mikulasko's Scale OMAC 1 (which is short for Old Man Aircraft Company)



The next meeting will be
December 17th.
 (The 3rd Thursday in the month)

Hope to see you there.

Free coffee and doughnuts



From Carl Finch

I really enjoy building planes from scratch, plans or kits, but the two things I like least are hinging the moving surfaces and covering – probably because I do neither very well. Covering is still a problem, but I have solved hinging, at least to my satisfaction! The key was the Great Planes Slot Machine. When I first tried it, I used it “freehand” as recommended, but found that the slots were either slanted, not in the center of the wood, or both.

I built a simple jig to hold the Slot Machine so that the blade was held parallel to the base. A board on which to place the part to be slotted was made from a scrap piece of particle board, and sheets of paper used to adjust the height. Since regular copy paper is only 0.004 inches thick, this makes for very fine adjustment. A bolt is used to press and hold the power trigger.

To set up, I take a scrap piece of balsa the same thickness as the part to be slotted, roughly adjust the height of the base board and cut a slot in the scrap. By eye one can judge how central the slot is, then adjust by adding or removing sheets of paper. When things are set correctly, you can cut a slot then turn the wood over and slide the blade into the slot with the power off. At this point you can slot the elevator, rudder etc and be sure that all the hinges will be in line and the surfaces flush.

Of course, if you use plastic hinges you are on your own!!

Customer Service in 2009

Commenting on a complaint from a Mr. Arthur Purdey about a large gas bill, a spokesman for Union Gas said, 'We agree it was high for the time of year. It's possible Mr. Purdey has been charged for the gas used during the explosion that destroyed his house.'

The scientific theory I like best is that the rings of Saturn are composed entirely of lost airline luggage.

Secret of the day...

Police in Washington DC are hampered in their search for a stolen vehicle. Detective Sgnt Ryan O'Leary explained, “It belongs to the CIA so we are not able to issue a description”.

QUIZ September 12 1971 marked the first flight of the Bede-5, at the time the world's smallest aircraft. That September also marked the first trans-atlantic crossing of a far different aircraft. What was it?



Twisters at Bronte

First Annual Christmas Crash Page



Paul Chitty employs a uniformed crash crew



Gary Arther and Ted Pritlove are sure who caused this crash.



New type of 3 point landing

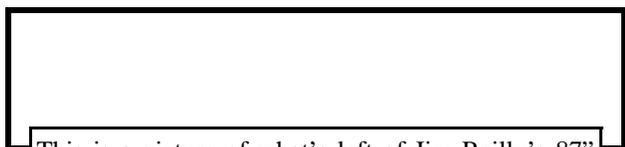


In 1908, passenger flight took a turn for the worse when the first fatal air crash occurred on September 17. Orville Wright was piloting the plane. Orville Wright survived the crash, but his passenger, Signal Corps Lieutenant Thomas Selfridge, did not. The Wright Brothers had been allowing passengers to fly with them since May 14, 1908.



Igor didn't quite get the float plane concept....

I know you personally will not have a crash in 2010, but should you see the results of some other poor fellow's lack of judgement please take a picture and send it to me for next year's Christmas Crash Page.



This is a picture of what's left of Jim Reilly's 87" Yak after he forgot to put in the wing clips and one wing fell off in flight.

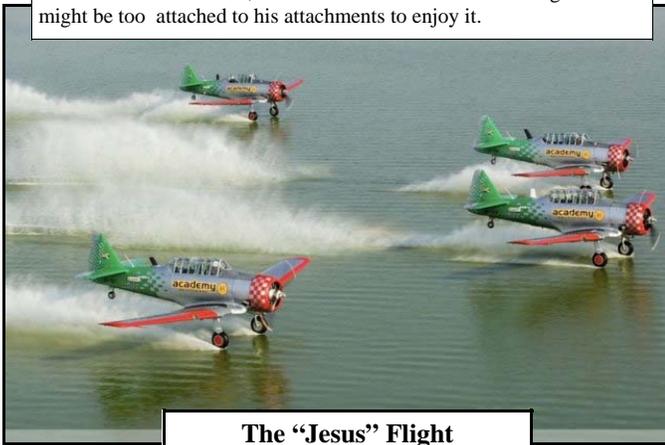


This is the US model. Ours is about 10% more expensive. (and soon- Plus HST)

Why do aircraft go "down in flames" but boats go "up in flames"?



I couldn't resist this. A homebuilt gas-turbine motobike!! I thought of getting one of these for Lawrence Gragg but with the homebuilt turbine at 200,000 RPM between his knees I thought he might be too attached to his attachments to enjoy it.



The "Jesus" Flight



Answers to last month's Quiz.

America's first daylight raid on Europe was in a "Douglas A20G Havoc"

ID of twin boom twin jet. M55 Myasishchev Hi-Alt Recon. 1988-1994

Juan de la Cierva, who invented the autogyro after witnessing a fatal stall, died when the fixed wing plane he was flying in stalled at low altitude.

The Ilya Muromets is famous for being the first four engine bomber and, had the war not intervened, would have been the world's first multi-engined passenger plane, which is what it was designed for.

Harriet Quimby should have chosen another day to be the first women to fly the English Channel if she wanted to become famous. On the day after her triumph the papers read "Titanic sinks".



QUIZ This is a GE 90-115B, the world's most powerful fanjet. It produces a thrust of:

- A/ 123,000 lbs
- B/ 201,000 lbs
- C/ 98,000 lbs

Quiz: The Supermarine Spitfire flew its last mission (in Malaya) and the Boeing B52 entered service in the same year. Which was.....?

Helpful Tech Tips. from the New Model Builder.....

I've only been at this sport for about 3 years. Thanks to spending some time in my extensive magazine library "The John" (where I do most of my reading) and some first hand trial and error experiences, I've come up with an easy solution for motor installation and ultimately installing "Blind Nuts" for your motor mounts.

The problem is when you don't already have pre drilled holes in your fire wall or you are using a different type of motor and the existing holes are not where you want them.

See the following photos on how I aligned the motor on the fire wall, center it in the cowl and then make ready for drilling. Firstly, you need to erect the fuselage vertically with the firewall facing up. You may need to get a little creative in doing this. Perhaps you should try suspending the fuselage from a step ladder or even a bench vise provided you have the length and room.

1) Mount you motor on the engine mounts first using the manufactures instructions for distance from the propeller back plate to the firewall. If there is no spec, place the cowl in position on the fuse and simply take a measure through the prop shaft opening in the cowl to the firewall and add a little more for your prop or spinner backing plate for clearance.



2) Place the cowl in a position which will eventually be the spot you want to mount it permanently.



3) Center the engine (which has now been mounted on the engine brackets) in the cowl. Holding the engine in place,

remove the cowl and mark your spot to drill holes.

4) Once you have drilled your holes, now its time to install the blind nuts.

(Note; make certain your hole size will accommodate the outside diameter of the blind nut threaded slot.) This is made easy by using a small piece of two way tape to secure the blind nut on your finger tip. You can also place a few drops of epoxy on the blind nut flange to hold permanently.



5) Thread your mounting bolt into the blind nut while still holding in position and then give it a firm tug to sink the barbs of the blind nut into the firewall.



6) Using a washer and the mounting bolt tighten the bolt fully to set the blind nut in its permanent position.

7) Bolt your engine and you've just made a some what tedious task simple. Incidentally, any blind nut installation such as a nose wheel bracket is made easier by using two way tape on your finger.

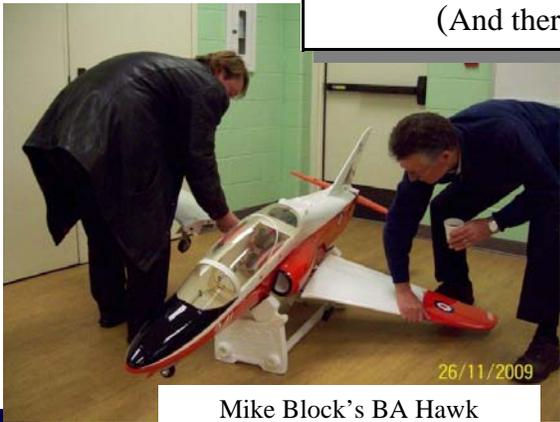
Good luck

Dave Cummings.... AKA – New Model Builder!

November Meeting

Bring and Brag

(And there was a lot to brag about)



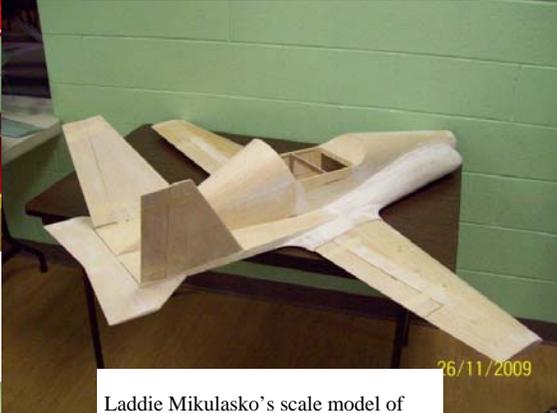
Mike Block's BA Hawk



Gord McGill's Norseman



Paul Gentile's Staggerwing



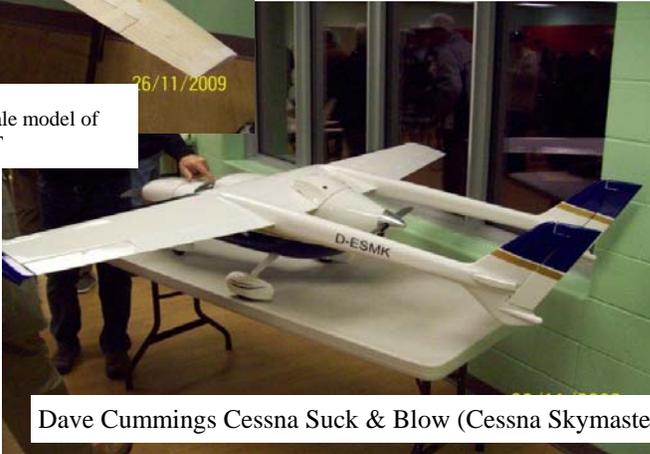
Laddie Mikulasko's scale model of RANS S-11 "PURSUIT"



Bill Swindel's Norseman



Harry Barnard's "Reactor"



Dave Cummings Cessna Suck & Blow (Cessna Skymaster)



Paul Chitty's Predator with camera



Carl Gross's Gee Bee