

SKYWORDS

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

March 2014



From your President: Mike Block

Although it's been a cold winter, we've nevertheless, had a few brave hearts out flying over the course of it. Good for you tough guys! (I'm not one of them)

Because of the amount of snow, the expectation is that the grass will be pretty wet well into the spring. Once the weather breaks, please remember to be considerate and not drive on the wet, muddy grass. We do not want to create an increased workload for the spring work party when the time comes.

As President, I have the regrettable duty of informing the membership of the passing of our long time member and friend Art Titmarsh on February 20, 2014.

Those that knew Art will remember him as the life of the party who always had a new joke to share. And who could forget his traditional "wearing of the shorts" at the January 1 Frost Fly?

When I joined the club, Art was the "go to" man when there was a new plane to test fly or you had questions and needed answers.

Flipping through some old documents, I realize that Art was a founding member of BRCM and one of the first group of Directors at it's time of incorporation. A kind man with a big heart, he will be sorely missed by all of us.

The first weekend in April always marks the trip to RC Mecca for many of us. Yes, that's Toledo, Ohio for the annual Weak Signals RC Show. The trip represents the true start of the flying season for me. It takes place on April 4/5/6 this year.

If you haven't made the trek before, the Weak Signals club puts on the largest RC show in the USA. Many of our members participate; we have a great time at the show and dinner afterwards. May I suggest bringing lots of cash!

That's a wrap for this month; let's hope my next article is a "Flying Report"!

Mike

Next Meeting—March 27th - Central Library at 7.30 pm.

Ted Pritlove writes:

I was talking to Chris Klepsch last Fall at our Bayview Flying Field and mentioned that I always wanted an EDF Hunter and an F-4 Phantom and he replied, with a grin, that Eric had just purchased a Fly Fly 90 mm Hawker Hunter kit. The model has a 44 inch wing span - is 60 inches long and will weigh about 5 lbs.

In December Eric and Chris started to build the Hunter. (All the snow sure helps with the building time.) Chris applied his usual craftsman skills to the scale details and paint scheme for this Swiss Hunter. The Hunter is powered by a 6S - 5000mah Lipo through a 100 amp ESC driving a 14 blade XRP 90mm fan with a 1450 KV motor.

The Fly Fly Hunter is an old kit and not of good quality. The Klepschs' had to straighten the warped wings and tail surfaces as well as adding a strengthening carbon fiber spar to join the wings. They constructed a working rudder as well as relocating the main landing gear a little forward for better ground handling. The paint scheme and graphics duplicate the Swiss Airforce Hunter that was in service from 1950 to 1994.

The model still needs a pilot!!

The first flight will be just after the snow clears the runway. Enjoy the pictures.

Cheers, Ted Pritlove



FEBRUARY SHOW AND TELL



New member Ron Mills at February General Meeting. Welcome Ron.

Member	Laddie Mikulasco
Model	Convaircar 116
Manufact.	Model is home built based on picture. Actual craft was manufactured
Date in Serv	Flew 1 hr 18 min on Nov 1 1947
Used by	
Roll Played	experimental
Colour	Silver/red
Pwr Syst.	AXI 4120/18 6S battery
<p>This is another Laddie original based on a picture. The original car portion had a 25 HP motor and the craft was produced by Convair who also produced U.S. military jets. The model weights 8.5 lbs and everything above the car has a positive angle of attack.</p>	

Tim Bidwell brought along his P-51 powered by an FS-61 4 Stroke Engine.

We look forward to seeing her fly, Tim

Editor's note. I am always looking for useful, **polite** feedback on SKYWORDS. Comments on content, format etc will be appreciated. New this month are the minutes of the previous general meeting.

I always try to get as many photos as possible but space often restricts what can be done.

Feedback to Skywords@brcm.org will be appreciated. Al

OLD FARTS CLUB NOTICE

Lunch on meeting days will be held at the Black Bull Tavern at 12 noon. All other Thursdays lunch will be at Wendy's on Plains Road at 10.45.

BRCM General Meeting Minutes – Thursday Feb 28, 2014 - DRAFT

Club secretary Joe Fazzari submitted the following for publication

The following is a draft of the minutes of the meeting of Tuesday February 28, 2014. (Will not become minutes until motion is passed at next meeting)

Motion to open meeting by Ashley Armstrong and seconded by Neil Marchant was passed.

Re: Minutes of General Meeting Dated January 30, 2014

The following statement in the minutes was challenged.

The persons who had agreed to serve on the Executive and as Directors but not elected are as follows.

It was pointed out that these individuals are in fact elected. It was agreed that the minutes should be revised to state:

The persons who had agreed to serve on the Executive and as Directors are as follows.

Motion to accept the revised minutes by Gord MaGill and seconded by Karl Gross was passed.

The club welcomed new member Ronald Mills who is new to the hobby but eager to get his wings.

Mike Block acknowledged the contributions to the club of long time member Art Titmarsh who passed away late last week. Lawrence Cragg indicated that there was an excellent turnout to the memorial service held earlier this week by club members confirming the high esteem with which Art was held. Mike also acknowledged the death of Neil Marchant's dad who passed away last Saturday after a lengthy illness.

OLD BUSINESS

OLD BUSINESS ACTION ITEM LOG:

ITEM	Coordinator	TARGET DATE	STATUS
Weather Station			NOT ACTIVE
War Birds	Paul Chitty	Drop dead date July 25	TRACKING – on schedule
Run Way Repairs	Karl Gross	Spring 2014	ON HOLD
Bronte Field Chickee			ON HOLD
Patch	Joe Fazzari		COMPLETE

LOG ITEM STATUS UPDATE & DETAILS:

Bayview Weather Station: No action has been taken on this to date.

Bronte Chickee: The shelter that was destroyed by wind has to be replaced. A suitable replacement is to be determined and has been allotted for in the 2014 budget. This item was not discussed at the last board meeting because the board members who fly at Bronte were not present. There is nothing to report at this time.

Warbirds Update

- volunteer's prize is a mosquito MK VI. Still in need of more volunteers.
- posters have arrived and are in Karl Gross' possession for distribution at a later date

Everything is tracking and there are no concerns at this time.

Runway Repairs: The grass growing through the runway and the major dip will be addressed by the contractor in the spring. Karl Gross is coordinating action with the contractor.

Patch Update:

- Joe Fazzari thanked the members for the input they provided the enthusiastic support
- currently 25 embroidered patches left for \$8.00 each
- logistics problems regarding the iron on patches and clear window patches.

Mike Block thanked Joe and his team for their efforts on this project.

NEW BUSINESS

BRCM Web Site

- In response to member comments re: updates to web site M Block requested concrete suggestions
- Requested volunteer to coordinate the effort.
- Ideas submitted included:
 - o "swap shop" type area where members could request or sell parts
 - o blog type messaging centre in a Members Only section of the site
 - o membership contact list – raises privacy issues - L Cragg can supply hard copy to interested members.

Joe Fazzari offered to coordinate the effort– a statement of the proposed site that the members can review and provide input to will be available by the second week in March and distribute to all members as a PDF file.

Parking Lot: It was noted that the parking lot has not been ploughed on a regular basis. Mike Block contacted the city and was told that the parking lot is classified as a Schedule B facility which means it is only done on down time and not on overtime. It has since been ploughed but is still extremely icy. The Dog Park is ploughed because it is a snow drop location.

Club Award Candidates M Block requested nominations for 2013 club awards. These awards are for members who have made above average contributions to the club over the past year. The following names were tabled:

Mike indicated that like the awards to be pre-members.

AWARD	NOMINATED
Herb Stoneham (Senior Member)	Bill Swindells
	Carl Finch
Cliff Moore	Doug Edwards

if possible he would sented to non-board

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City Plans for King Road: Ashley Armstrong and Ted Pritlove attended city meeting regarding work on King Road north of the North Service Rd in 2015-2016 provided the budget is available. Plan involves widening, straightening, and lowering the hills and will not negatively impact the operation of the field.

Club Membership and Financials

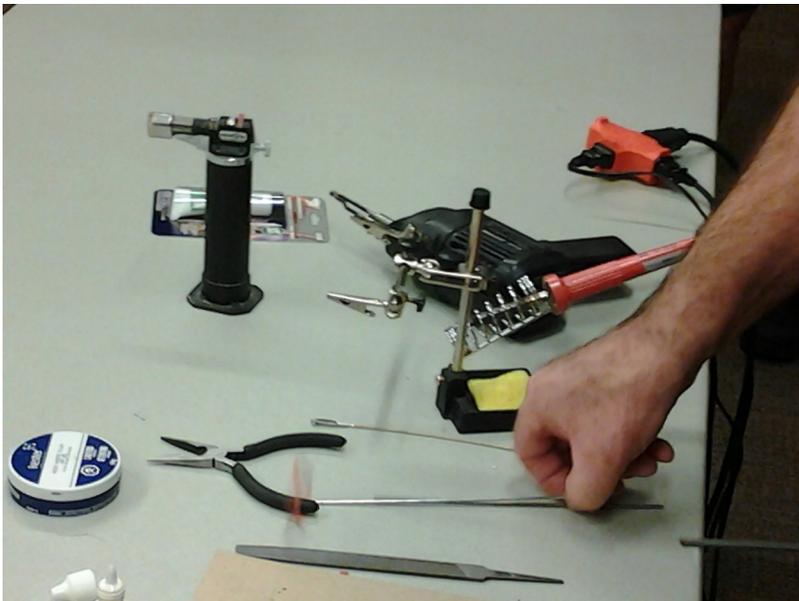
The treasurer provided a report on the current club financial and membership position and reported both are on track and he has no concerns at this time.

Dave Cummings Club Interest Survey

- M Block presented idea on behalf of D Cummings
- Involve administering survey to club members limited and restricted to the area of aero modelling
- Purpose is to determine member interests and profile so board can strategically commit limited resources
- Dave is looking at distributing the survey electronically using something like Survey Monkey which will assist with the statistical analysis.

The membership in attendance support this action.

Motion to close meeting by Doug Edwards and seconded by Mike Smith was passed.



Karl Gross gave a demo on the art of soldering at the February meeting.

A detailed report by Joe Fazzari follows on the next page.

Shown are some of the tools Karl uses to accomplish the task.

SPECIAL EVENTS

“The Art of Soldering” a demonstration by Karl Gross . Report by Joe Fazzari

Karl gave an excellent demonstration of soldering using examples which we as modellers face on a regular basis.

He demonstrated 3 heat sources – a 25 W iron, a 120 W gun, and a propane torch – which are used on different sized materials.

He uses primarily Stay Brite silver solder with no other components and introduced us to a product new on the market called Stay Brite Flux (both are available at Skycraft) which he prefers to flux paste although he does use the paste in a few specific applications. **HE CAUTIONED THAT THE STAY BRITE FLUX SHOULD NEVER BE USED ON A CIRCUIT BOARD.** It is so effective that it will cause the solder to run uncontrolled creating undesired solder joints within the circuitry.

Karl also demonstrated the indispensable value of the “third hand” clamping device. He stated that it is possible to make the material too hot which will not allow a good solder joint.

The proper amount of heat is critical therefore the different sizes and types of heat sources. Too little heat and the solder will not melt and adhere properly. Too much heat will contaminate the parts to be soldered with carbon deposits and once again prevent the solder from adhering properly.

It seems to be critical that wires and connectors are tinned and that solder is applied to the soldering iron tip prior to joining the components.

Solder Bullet Connectors

- Place the bullet connector in a specially designed jig. Add a drop of Stay Clear Flux to the solder opening
- Fill the solder opening with solder. Tin the end of the wire to be connected
- Heat the bullet connector with the gun and when the solder becomes fluid insert the wire.

Soldering Clevis and Metal Push Rods

Clean and rough the end of the push rod with a file

- Tin the end of the push rod
- Add solder to the tip of the gun

Heat the end of the push rod and when the solder is fluid insert it into the clevis opening.

Soldering 5/32 – 3/16 Wire

Clean and rough the areas to be soldered with a file

- Hold the wires together using a clamp.
- Add Stay Clear Flux. Add solder to the tip of the gun
- Heat the wires with the gun and apply solder when sufficiently hot. Do not overheat

Wrap the joint with a coil of fine wire available at the Dollar Store and apply more solder.

Brazing 5/32 – 3/16 Wire Same basic technique as above but the two pieces are physically held in contact by clamps instead of the initial solder.

- The two pieces are then wrapped in a coil of wire.
- A high temperature paste used for the brazing is apparently included with the Stay Bright Silver Solder
- A propane torch must be used as the material must reach a temperature at which it glows red.

We hope this article helps both those who attended the meeting and those that could not attend. Joe