



The Transmitter

Suburban RC Barnstormers - P.O. Box 524, Bloomingdale, IL 60108

AMA CHAPTER 640

IMAA CHAPTER 194

February 2010

<http://www.suburbanrcbarnstormers.com>

Coming in February and March

February 8th, Membership Meeting, Bloomingdale Public Library, 7:00pm

February 11th, Dome Fun Fly, White Pines Golf Dome, 11:00pm

February 22nd, Board Meeting, Bloomingdale Public Library, 7:00pm

March 6th, Dome E-Nighter, White Pines Golf Dome, 11:00pm - 5:00am

March 8th, Membership Meeting, Bloomingdale Public Library, 7:00pm

March 11th, Dome Fun Fly, White Pines Golf Dome, 11:00pm

March 22nd, Board Meeting, Bloomingdale Public Library, 7:00pm

One Man's Weather Washout is Another's Flying Opportunity!



January / February Dome Fun Fly

By Ron Hilger

January - Cat & Mouse

Thirty-six Barnstormers showed up for the festivities and eighteen took the challenge. Instead of dividing into two groups it was decided that it would be more fun to send all eighteen cats up at once. Stan Warden, Scott Barrie and Tom Lyons tied with one cut each. The second round fly off became totally uncontrolled when several cats joined in. Dan the battery man scored two cut. Jeff Peca totally ignored the streamers and scored three direct hits on the mouse before falling to the ground with a broken wing. The mouse shuddered a little but continued to fly outlasting all competition. I think the real winner of the event was Scott the Mouse Stampfli and his trusty GWS Slow Stick. As always there was plenty of free pizza, pop and great raffle prizes for all that attended. Thanks to all that donated raffle prizes and a special thanks to the pilot of the mouse plane, Scott Stampfli.

February - Revenge of the Mouse

This time the cats will sport streamers and the mouse will do the cutting. The flyers will be divided into two groups. The winner will be

determined by how much of the twenty-five foot streamer remains on your plane after being chased by the mouse for ten minutes. There will be a fly off between the winners of each group to determine the ultimate winner. If there are no frequency conflicts and the pilots agree, it's all up at the same time.

February - Helicopter Hop Scotch

The hopscotch pattern will be laid out on the floor with tape. The object is to jump from square to square in the least amount of time. Fastest time wins the bragging rights.

Free drawing

Gambler Option – Park Zone bind and fly J3 Cub
GWS Slow Sticks – (3)
GWS Peco stick- donated by Mert
Flat foam laser cut Delta – donated by Ron
RC Universe Bi Plane
Extra 300S
Flatana
Sealing Iron
Mystery Prize (3)
Lots of other good stuff

Hell's Barnstormers news

By Glenn LaRocco

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Hey we are in the process of getting a shirt, sweat shirt, and hoodie order together. We will need to get new screens made and I will keep them with me so they don't get lost. Fellow Hell's Barnstormers let's get those orders in! If you want to become a Hell's Barnstormer, it's easy. All you need to do is be a current Suburban R/C Barnstormer member, own a monoplane 80" or larger or a 60 " or larger biplane, and last but not least a true 1/4 scale of the full size aircraft and your in !!! Only here's the glitch, each of us will have to pay \$ 10.00 per person or per family to cover the screens one time only. Here it is: the shirts will be black in color with with the old three color logo trust me there COOL! Let me know what you want . If we can meet the minimum order, I will contact you for payment. You can email me at eaglen2fb@comcast.net with your order.

Prices are as follows (36pc's min):

T's - \$ 8.00 ea; XXL add \$1.40 ea; XXXL add \$1.90 ea; XXXXXL \$ A lot
Crewneck \$14.00 ea; XXL add \$ 1.00 ea; XXXL add \$ 3.00 ea; XXXXXL \$ A lot more
Hoodies \$ 19.00 ea; XXL add \$1.00 ea; XXXI add \$ 3.00 ea; XXXXXL OH MY GOD !!!

If we do not meet the minimum order the prices will change so order up a new wardrobe!!!

The next order might not be for another 15years !!!!!

Notes of the Suburban RC Barnstormers Membership Meeting

January 11, 2010

ATTENDANCE

There were 55 members present for the January meeting. There were three new members present, Nick Chrysogelos, Ron Kostus, and Victor Quad.

OFFICER REPORTS

President: Mert Mischnick presided over the meeting.

Mert said we had a good turnout for the frozen finger fly on January 1st. If you didn't make it, you missed planes, coffee, candies, and frozen fingers! See the January newsletter for the evidence!

Vice President: Mike Maciejewski said tonight's door prize was a set of clamps. The rollover was the Delta Twin ducted fan.

Treasurer: Bob Elsner reported we "have money".

Secretary: Scott Taylor said he had a few extra newsletters and if you ordered a nametag, come see if it is here!

Several die hard members have done RC flying every month of the year and are eligible for All Season Flyer patches. If anyone else feels they are eligible, please let me know!

COMMITTEES

Safety – Tom Lyons reminded everyone that the biggest challenge in dome safety was the helicopters. Helicopter and planes don't fly well together, so extra precaution is needed. At the last fun fly, the helicopters were allowed to fly while the event was happening, but they will be grounded while the next fun fly is in progress.

Swap Shop – John Howe said the date was set for the April 3rd Swap Shop at the Dupage County Fairgrounds. This will be the week before Toledo. Vendors were already calling! He had flyers to distribute.

Fun Fly – Mert said we were looking for a Fun Fly Chairman for the outdoor events. John Howe volunteered Scott Stampfli. Any objections, Scott?

OTHER BUSINESS

Dome eNiter – Stan Warden said the next Dome eNiter would be on March 6th. He had a number of flyers for the event. Please pick them up and deliver them. Marty Schrader mentioned we now own DomeENiter.com, .org, and .net. Try it for yourself! <http://www.DomeE-Niter.com>

Dome Fun Fly – Ron Hilger said the event at the next dome fun fly would be a cat and mouse. Scott Stampfli volunteered to be the mouse and everyone else the cats. This will be slow sticks all flying at once! There will be a "gamblers" option in the door prize, which could give you a chance at a Vapor or Blade. As usual, free pizza and pop will be on-hand.

PLANES

Jeff Peca brought in a scratch built, custom scaled, UltraStick. This was built using 3mm lite ply and was made for electric power. Jeff is using a 3548 motor powered by a 3000-4000 milliamp packs. All up weight is about 5 pounds 1 ounce. He says it has very nice flying qualities.

Steve Dietrich had his custom SPAD Fest 2004 photo plane to show. I believe you could pick it up for a few buck!

Ron Hilger showed off a 1969 Delta Flyer with some history. It originally flew in a tractor configuration with both .10 and .15 size engines and a galloping ghost radio. He has modified this plane to take an electric motor at the rear and incorporated a new fangled proportional radio! What a difference in handling!

Ron also had an electric Bugatti that he made from an upside-down foam glider. Very clever, Ron!

Will Cowgill brought in an eFlight Extra 300. He couldn't say enough about the flying qualities. It is a nice flyer both indoors and out and does a great knife-edge. He recommends picking one up before they are gone.

RAFFLES

Will Cowgill was the lucky winner of this month's turkey. John Cacciatore won the clamps. There was no rollover winner.

Learning to 3-D and 3-D Well; High Alpha Knife-Edge Flight

Part 3 of 5

by Jeremy Chin

In the previous articles, you got the right equipment (both virtual and real) and you learned how to fly a Harrier. Then you expanded your 3-D horizons by learning to fly an Inverted Harrier. You are well on your way to building a solid base of fundamental 3-D skill.

Next in line is another fundamental skill that can be built upon later. It is time to learn to do a High Alpha Knife Edge.

If you followed earlier suggestions to build your basic aerobatic skill set, you learned to fly a Knife Edge during that effort. If not, then go back and learn to fly it. Make sure you can fly both left tip down and right tip down, and both orientations with the top and the belly of the airplane toward yourself. This basic aerobatic skill can also be developed quickly using the simulator.

If and when you are comfortable flying regular Knife Edge flight, you are ready for the next step in your 3-D education: High Alpha Knife Edge. This name is really just the common name for flying Knife Edge at a high angle of attack.

To learn this skill, start by flying a regular Knife Edge down the field repeatedly. As you fly, gradually increase the rudder deflection, while balancing that against changes in throttle. Some airplanes require more throttle, some less. All have a point of equilibrium that you must find on your own.

This skill can be learned at any lower altitude, but I've found that having the lower wingtip at

around eye level is the most effective. This altitude gives enough time to roll the airplane back to level in the event of a problem, but is not too high to allow good vision of the airplane.

You may find that the airplane you are flying will require a higher angle of attack in high-angle-of-attack Knife Edge than it did for Harrier flight. This is because the fuselage typically has less area than the wings do, and thus requires a higher angle of attack, more power, or both, to maintain a flat heading. You may also find that you need some aileron correction or elevator correction to keep the airplane on the same heading while in High Alpha Knife Edge. Fly the airplane in this case rather than relying on a mix. I've found that rarely are mixes effective in maintaining High Alpha Knife Edge when compared to regular Knife Edge.

Perform the same exercise in both directions down the field, and both directions with both orientations to yourself. When you feel comfortable in all orientations, begin to make circles with the airplane. Use your elevator to 'steer' the airplane in your intended direction. Practice this skill repeatedly until you feel comfortable in all attitudes and orientations, and turning in all directions.

When you have mastered High Alpha Knife Edge and flying upright and inverted Harriers, you are ready to move on to two more advanced 3-D skills: The Hover/Torque Roll and the Rolling Harrier. Each will be covered in upcoming articles. Q

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This newsletter is published monthly by the Suburban RC Barnstormers, Inc.

We reserve the right to edit all information forwarded to us. Permission is hereby given to reprint any article that we publish as long as proper credit is given.

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Articles must be received by the 4th Saturday of the month to be included in the following month's newsletter.

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