



The Transmitter

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

AMA CHAPTER 640

IMAA CHAPTER 194

January 2010

<http://www.suburbanrcbarnstormers.com>

Coming in January and February

January 1st, Noon Fun-Fly, Pratt's Wayne Woods

January 11th, Membership Meeting, Bloomingdale Public Library, 7:00pm

January 14th, Dome Fun Fly, White Pines Golf Dome, 11:00pm

January 25th, Board Meeting, Bloomingdale Public Library, 7:00pm

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

A Chilly New Year's Day Doesn't Stop Barnstormers

By Scott Taylor



With temperatures hovering around 15 degrees, light westerly winds, and hazy blue sky, about 20 Barnstormers met the New Year with spinning propellers, hot coffee, and frozen chocolates!

Notes of the Suburban RC Barnstormers Membership Meeting

December 14, 2009

ATTENDANCE

There were 65 members present for the December meeting and raffle!

OFFICER REPORTS

President: Mert Mischnick presided over the meeting.

At the risk of stealing Stan's thunder, Mert thanked all of the members that helped with the December eNiter. Things went smooth and the turnout was great.

Mert reminded members that the Thursday Barnstormer nights at the dome were being shifted from Thursday to Wednesday both Christmas Eve and New Years Eve.

Vice President: Mike Maciejewski said the Christmas member raffle would replace the door prize and rollover for the evening.

Treasurer: Bob Elsner said he, Debbie and John Howe had gone on an adventure at Adventure and Al's Hobby shops. They were shopping for raffle gifts with about \$900 and left with about \$1300 thanks to the generosity of the shops. Please thank them with your business!

Bob discussed the 2010 budget that was included in the previous newsletter and asked if there were any comments. The budget was then approved by the membership.

Secretary: Scott Taylor said it was time for 2010 membership renewals. Those that have renewed will be receiving their membership cards with the next newsletter. Even if you have indicated you prefer the newsletter electronically, you will receive a hardcopy, which will include your card.

OTHER BUSINESS

Dome eNiter – Stan Warden echoed Merts many thanks to the members that help at the eNiter. It is the volunteers that make the event "go"! Special thanks to Glenn and Dennis LaRocco for supplying the great pizza and to Keith Egging for this help with the raffle.

In addition, many thanks to Dan Naumowicz of TrueRC for his generous donation of a battery for every registered pilot. Other vendors provided donations as well.

There were 89 pilots registered to fly at the eNiter along with 51 spectators. This was a respectable turnout and the free batteries were a big draw.

Dome Fun Fly – Ron Hilger said the next dome fun fly would be both a ground and air event. Make sure you've got wheels! The goal will be to navigate your way around the pylons on the ground and then do the same from the air. There are some great door prizes in store, so don't miss it!

Christmas Charity Raffle – Debbie conducted the Bloomingdale Wish Tree raffle for the benefit of many local families. Many of our members donated prizes to supplement gifts from vendors. There were about a dozen groups of items that members purchased tickets for. Many members went home with valuable RC items, but the real winners were the children and families that were helped through the Wish Tree. More than \$1000 was raised for the families. Many thanks to all!!

RAFFLES

Everyone was a winner in the Christmas raffle.

Dome Fun Fly Report

By Ron Hilger

December - Triangle of Doom

Twenty-nine Barnstormers showed up for the event and twelve pilots took the challenge. The ground portion of the event was total kayos and the most exciting to watch. Jeff somehow managed to latch on to the string holding the pylon balloon and did about ten lap's u-control style. Andy Petlak won the event and bragging rights with his flawless performance both in the air and on the ground. As always there was plenty of free pizza, pop and a raffle prizes for all the Barnstormers that attended.

Mert rolled matching numbers and picked up a cool jet. Dave picked the right mystery prize and walked off with another spectrum receiver. That's two in a row.

January - Cats and Mouse

The Barnstormers are the Cats and their mission is to get the Mouse. Scott Stampfli has volunteered to be the mouse. Scott will have a number of ribbons attached to his trusty delta and the object is to try to cut them without making contact. The cat getting the most cuts within a five-minute time frame wins the round.

The pilots taking the challenge will be divided into two groups. The ultimate winner will be determined by a fly-off. As a reminder the fun fly is totally free and every Barnstormer attending will be rewarded with a raffle prize, pizza and pop.

Free Raffle

Gambler Option – Blade mCX Helicopter or Vapor

Mystery Prizes - ?

E-Flite 260 - donated by Mert

Great Planes Reflection - donated by Mert

Great Planes Cap 580

Great Planes Extra 300

GWS - Slow Stick

Blue Stick – donated by Ron

Variety of shower heads- donated by Ron

Lots of other good stuff

Donations wanted.

This is your opportunity to clean up the work shop of any unwanted useable hobby related item. Donate it to the fun fly raffle or it can be auctioned off at the meeting.

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 !!!!!

Learning to 3-D and 3-D Well; Hovering and Torque Rolling

by Jeremy Chinn
Part 4 of 5

In the past installments, you got the appropriate virtual and real airplanes to fly, as well as practiced methods to help speed your learning. During that time you also built two of the fundamental building blocks necessary to learning 3-D aerobatics—the Harrier and High Alpha Knife Edge.

It is now time to put those skills together to learn an advance level 3-D skill—the Hover. Why is the Hover an “advanced” level 3-D skill, and why did you learn to Harrier and fly Knife Edge first?

When hovering or flying a torque roll, you must use the tail of the airplane to control the model and keep it in a state of balance or equilibrium while hanging from the propeller disk. To do so, you must be very competent with the rudder and elevator to steer, or correct, the airplane. Learning to fly the Harrier and the High Alpha Knife Edge teach those skills rapidly and effectively.

The other reason is based on safety and airframe longevity. When an airplane falls out of a Hover or Torque Roll, it always passes through an attitude similar to a Harrier or a High Alpha Knife Edge. Since that attitude also generally requires slower movement to maintain altitude, it is generally best to “catch” the airplane as it falls out of a Hover or Torque Roll when it reaches Harrier or High-Alpha-Knife-Edge.

Once again this maneuver is much easier to learn on a simulator first using the “reduced time” method and then transfer the skills to real life.

The optimum conditions to learn to Hover start on a day with a mild constant breeze. Start with the airplane in a low (one to two feet off the ground) upright Harrier flying into the wind. I like a distance of about 40 feet away from myself for this exercise. Chose a spot over the field and gradually increase the throttle while

initially increasing the elevator backpressure at the same time until the airplane is totally supported by the propeller disk. Inevitably, the airplane will begin to wander or lean left, right, or another direction. Once the airplane gets out of Hover position, you have two choices to exit the maneuver:

1. Go to full throttle and climb up and out of the Hover. This is most pilots’ gut reaction and is fairly effective; however, if the airplane is totally out of shape, or in an orientation the pilot is not comfortable with, going to full throttle in that position can be scary or even downright dangerous.
2. The better alternative to the full throttle exit is to allow the airplane’s nose to fall until the airplane is either upright or inverted on the wing. The pilot can then fly out of the maneuver easily in either an upright or inverted Harrier, which was mastered earlier. Exiting in this manner is generally safe and also allows the pilot to get back into Hover position more quickly.

Some things to avoid for the person learning to Hover:

- Many people try to enter a Hover by flying in at high speed and pop the nose up rapidly to enter the Hover. Unfortunately, in this case, the airplane has a large amount of energy to bleed off before it can hit the “sweet spot” and initiate the Hover.
- Don’t waste time trying to learn to Hover two, three, or even four mistakes high. When at that altitude, there is no way you can see the airplane well enough to make the right corrections and keep in the Hover.

Continue this exercise until you can enter a Hover at will and enter and exit the Hover safely and fully under control. For extra practice, try entering a Hover from a High Alpha Knife Edge or Inverted Harrier.

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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.

Material can be submitted for publication: (1) at a meeting, (2) by mailing to Suburban RC Barnstormers, Inc., P.O. Box 524, Bloomingdale, IL 60108, (3) sending it to the email of the editor, Scott Taylor, at taylorstr@core.com

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

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Visit the Club Forum at our web site: <http://www.rcbarnstormers.com>

Please Support The Following Hobby Shops

Al's Hobby Shop, Inc.	121 Addison, Elmhurst, IL	(630) 832-4908
HobbyTown-St Charles	3627 E. Main, St. Charles, IL	(630) 587-1256
LaGrange Hobbies	25 South LaGrange Rd, LaGrange, IL	(708) 354-1220
R C Hobbies	1550 N Rt 59, Ste170, Naperville, IL	(630) 753-9433
RC Hobby & Track	2150 Touhy Avenue, Elk Grove Village	(847) 347-5249
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