



THE INVERTED FLYER

NEWS of the BOULDER AEROMODELING SOCIETY
AMA Charter #906

February 2015 Edition

Ken Miller Editor & VP # 79



Fly the Waterfall

When you're flying a stable elevator, you can perform an inside "waterfall" (micro loop) by maintaining full up-elevator, and applying full power and a little right rudder to correct for increased propwash and P-factor.

On the back side of the loop, quickly cut the power and neutralize the rudder. Then, at the instant the fuselage nears level at the bottom of the loop, simultaneously add a few clicks of power and a little right rudder to keep the fuselage level and correct for P-factor.

You can then either descend in an elevator or increase the throttle and exit the maneuver. The plane will barrel roll out of this stunt if you fail to enter it with the wings level. Thus, only attempt an inside waterfall when the wings are level. With experience and altitude, you'll be able to perform several inside waterfalls while dropping out of the sky in an elevator.

Waterfalls can also be entered from slow flight or while hovering into the wind. The keys to this maneuver are getting settled into a stable elevator before attempting the waterfall and coordinating the correct amount of rudder with the throttle to maintain a constant heading.

Waterfalls can be enhanced with 60-degree elevator deflections and an aft CG.

As a rule, however, it is a mistake to increase the elevator travel for the sake of one or two maneuvers if it ends up making everything else more difficult.

This is a case where an advanced 3D pilot would use a more sophisticated radio that's capable of a third flight mode with 60-degree elevator deflections for certain maneuvers.

by David Scott



FULL FLAPS

The next dates for indoor flying: February 15th, March 1st & 15th from 3:00 pm to 5:00 pm. @ Roosevelt Park Auditorium 700 Longs Peak Ave. Longmont, Colorado.

BAS MEETING MINUTES HOBBY TOWN USA LONGMONT, CO, Jan. 14, 2015

The meeting was called to order by **VICE PRESIDENT** Ken Miller at 6:30 pm. President Murray Lull is traveling. There were 15 members present and one previous member, Ira Faberman.

A motion was made by Dean Ehn, with a second to the motion by David Goodnow, to accept the minutes of the last meeting as they appeared in last month's newsletter. The motion was voted on and passed.

TREASURE REPORT—Treasure Dean Ehn gave a detailed report of the Club's finances.

VICE PRESIDENT REPORT —Vice President Ken Miller chaired the meeting, thus his report was forgone.

MEMBERSHIP — Tom McKinnon reported that the Club presently has 39 members and 18 Float Fly group members. Vice President Ken Miller reported that he had mailed the last hard copies of the newsletter, as decided upon in the December 2014 meeting. Ken further reported that the permanent "Safety Signs" agreed upon for purchase last month, are being manufactured and will be posted when available. Past President, and now Senior Advisor, David Goodnow reopened the subject of a sailplane designated area, with a suggestion that both the present sailplane area, and the present heli pad area, be re-designated as multi-use areas. A discussion ensued, with several points being discussed. Some good suggestions surfaced, but Vice President Ken Miller suggested that the matter be tabled for further discussion until after President Murray Lull returns. The matter was thus tabled.

NEW BUSINESS — Vice President Ken Miller discussed the fact that new locks will be put in place at the field, as the old ones were showing signs of age. Also the combination will be changed on, or about, Feb. 1, 2015. At the December 2014 meeting, proposed changes to the Club Bylaws were introduced, discussed, and initially decided upon. Al Coelho reworked the Bylaws, changes to which were thus circulated and published in the latest newsletter, satisfying the seven day publishing requirement. Vice President Ken Miller proposed that those changes be accepted as published. A motion to accept said changes to the Bylaws was made by Rich Anderson and seconded by Augie Bruno. The motion was voted upon and passed by a unanimous decision of the members present.

A motion was made by Dean Ehn, seconded by Ken Miller, voted upon, and passed, to adjourn the meeting. The drawing was held for the \$20.00 gift card. Boris Sergeev was the lucky winner.

Respectfully Submitted Richard Myron.



BAS OFFICIAL 2015 PEANUT GALLERY

February Birthdays

Dean Chandler

Rudy Furman

Jerry Hahn

Don Blanchard

Jim Smith



NOTICE

It's time to renew your membership for 2015. Rates will be the same as for 2014 the details (and membership application) can be found on the Club website. www.boulderaero.org

Please remember to include evidence of your 2015 AMA membership along with your application.

The combination on the field locks have been changed along with a new padlock.

Reminder

There are FIRE EXTINGUISHERS in the Shelter. If or when your aircraft might crash grab a fire extinguisher on your way to pickup the aircraft in case of a FIRE.

BAS Meeting

Hobby Town Longmont
6:30 pm

February 11th , 2015

A chance to win a \$20.00 Gift Card to Hobby Town will be given away in a drawing for members attending.

Laser Kit Cutting...
CNC Router and....
Vacuum Forming....
CNC Foam Cutting....
ALL Done to order...
Quality work...

www.vicsrc.com

BAS—RC—Forum

www.TinyURL.com/BoulderRC

Will purchase "Estate Lots" or other entire large collections of RC kits, motors, accessories, etc for reasonable amounts.

Cash paid.

Richard Myron

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