



THE INVERTED FLYER

NEWS of the BOULDER AEROMODELING SOCIETY
AMA Charter # 906

October 2013 Edition

Ken Miller Editor # 63

Recipe for a Cooked Speed Control

- #1 Take one undersized speed control
- #2 Add cold solder joints
- #3 Use extra long wires from the battery to the speed control
- #4 Pack it in a foam plane with no cooling air
- #5 Fly partial throttle settings extensively
- #6 Push the BEC to its max limits and beyond
- #7 Fly consecutive flights without a break

Tips for a Happy Speed Control

- #1 Buy a quality speed control
- #2 Buy one large enough to handle the load
- #3 Don't exceed the BEC limits
- #4 Provide cooling; all that you can get
- #5 Keep wires as short as possible
- #6 Use appropriate connectors

NEVER mismatch connectors. I've seen Dean's Ultras jammed into female bullet types and that is a recipe for disaster. I've also seen spade plugs shoved into the grooves between the contacts on a male bullet connector. Likewise, alligator clips have no place in an electric airplane. They may seem like a universal fix, but it's actually a universal mistake. All of these things can be inefficient, but more importantly—they are all dangerous and create a fire hazard.

MOUNT IT SECURELY

It's not always easy to find the right place to securely mount the speed control, but it's absolutely necessary. Some larger controllers come with mounting brackets so they can be screwed to the front of a firewall, etc. Most smaller controllers depend on you to figure it out. Velcro is the usual method of choice and works well. Be sure it is secure though. If in doubt, use industrial strength versions or rigid lock tabs. Whatever you do, don't allow it to flop around inside your plane held only by the wires.

BOTTOM LINE

No one wants to cook their speed controllers! As with everything else involved in our hobby, it's the small details that matter the most. Avoid these common mistakes and you'll maximize your airplane's efficiency and greatly lengthen its lifespan.

Last installment of the job descriptions

Over the past few months we've described all of the elected officer and appointed positions that it takes to keep BAS operating as a first rate Club. As stated at the outset, most of these functions have been carried out by veteran members for many, many years. And the time has come to let at least a few of them pass on their knowledge and 'retire' to a leisure life of flying.

When one reads all the varied functions it sounds complicated. It really isn't. All that's required is a little time and the wish to help the Club thrive in the future for those who will surely follow. With nominations scheduled for the November meeting, I hope at least several members are considering throwing their hats in the ring to help secure that future.

If you would like additional information, please feel free to contact me at my email

augiebruno@comcast.net

Augie B.
1st VP/Membership

Sadly, we have just been informed that **Arnold Peckar** --- a BAS Life Member --- has recently passed away. Arnold was also an officer and past president of BAS.

In addition to a keen interest in model aviation, Arnold was heavily involved with full-scale aircraft and was a member of the EAA in Longmont. He was responsible for introducing many, many young people to aviation while at the same time carrying on the tradition of our hobby via his involvement with the Vintage R/C Society.

Augie

Model aviation community mourns loss

September 5, 2013, at approximately 3:30 p.m. EDT, the Academy of Model Aeronautics (AMA) lost one of its members in a fatal accident involving an electric-powered RC helicopter.

Roman Pirozek Jr., 19, of Queens, New York, was flying at Calvert Vaux Park in Brooklyn in an area set aside for model flying. Roman reportedly lost control of his RC helicopter and was struck by his own model aircraft. Roman was an accomplished and experienced RC helicopter enthusiast.

AMA and the entire aeromodeling community are deeply saddened by the news of this tragic and extremely unusual accident. Our hearts and prayers go out to the Pirozek family, friends, and fellow modelers who loved and admired him.

The Academy will be working with the local AMA chartered club, the Seaview Rotary Wings, and local authorities to get a better understanding of the circumstances surrounding this heartbreaking accident.

Niagara Falls from a (radio controlled) Quadcopter. I sure hope this works for you guys.

Click link: http://www.youtube.com/watch_popup?v=cfoLYTKObiU

BAS MEETING MINUTES CHANDLER FIELD 9-11-2013

PRESIDENT— David Goodnow called the meeting to order at 6:32 pm with 7 members present. David made a motion with a second by Augie Bruno to accept the minutes of the last meeting as they appeared in the newsletter. Motion voted and passed.

TREASURE REPORT--Treasure Dean Ehn was not present. David Goodnow gave a report of the clubs finances.

1ST VICE PRESIDENT REPORT-- 1st Vice President Augie Bruno reported the club now has 93 members with 27 also belonging to the float group. Our newest member is Palo Wilczak who is a youth member.

2ND VICE PRESIDENT REPORT-- 2nd Vice President Joe Sherran was not present at the meeting. No report given.

OLD BUSINESS--David reported the field conditions are in good shape. New chairs have been purchased. A discussion was held on computer flying at the field. It was agreed that they are welcome to use the field but have to comply with the same rules of the field as in normal flying.

NEW BUSINESS--Rich Anderson reported that member Dean Chandler is in the Longmont hospital with fractured ribs do to a fall. Augie Bruno reported the passing of one of our members Arnold Peckar. Arnold had been a aviation enthusiast both full scale and model aircraft for many years. Augie also reported member Jerry Hahn has suffered a stroke. Rich Anderson stated the Mal Meador youth program will be closed for the rest of the year and that next year he will not be the lead instructor. The drawing for the \$20.00 gift certificate was held with Rudy Glick holding the winning number. Motion to adjourn by Rudy Glick with a second to the motion by Mike Gulizia. Motion voted and passed.

SHOW AND TELL-- Boris Sergeev displayed a model he won at the picnic drawing. He appropriately named the model winning ticket. The model has a 600 watt electric motor for power. He made many changes to improve its strength ,motor cooling and to reduce weight. Nice looking model Boris.

Members October Birthdays

Bill Bancroft

Steve Van Aken

Robert Mendelson

Jerald Warren

Arnold Peckar

Ken Jochim

Chuck Drake

James Dimmick

Mike Gulizia

Rudy Glick

We are still having problems with pilots flying without being at a designated flight station. The field rules state while flying for safety reasons to be in a FLIGHT STATION and not on the grass runway or the paved runway.

See Web Page for Event Lists,
Media Gallery,
Local Weather Stations, Classifieds,
Member List,
Club Officers, Newsletters and
Youth Training Program.

www.boulderaero.org

BAS Meeting,

Hobby Town Longmont Colorado 6:30 pm
October 9th, 2013

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