

THE INVERTED FLYER

NEWS of the BOULDER AEROMODELING SOCIETY
AMA Charter # 906

December 2017 Edition

2018 Officer Elections



2018 officers will be elected at the December Meeting. Currently the following candidates are running:

President: Chester Shans
Vice President: Murray Lull
Secretary: Ken Jochim
Treasurer: Dean Ehn

The following appointments have volunteers:

AMA Safety coordinator: Ken Jochim
Membership: Al Coelho
Newsletter: James Mack
Website: Mike Gulizia
Auditor: Mike Gulizia
Float Fly: Ken Jochim
BAPC: Murray Lull

Do those names look familiar? They should, most are the same people who did it this year.

I personally want to thank James Mack who volunteered to run for the Newsletter Editor position.

Al Coelho - Editor

Food-For-Thought

(from your Editor)

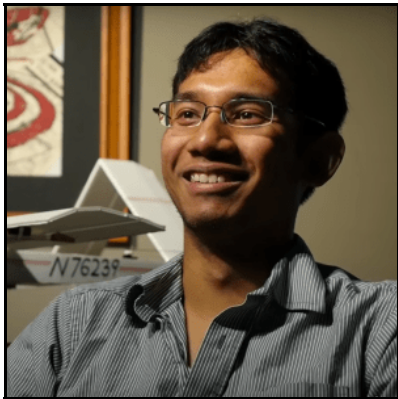
*"Volunteers are not paid
-- not because they are
worthless, but because
they are priceless."*

*It would save me a lot
of trouble, if you'd put
this on your frig and
leave it up all year...*



One card fits all...

DIY FOAM AIRPLANE



Peter Sripol

"Kind of the "mad RC scientist" type, Peter has been known for his crazy flying RC projects. Specializing in VTOL technology (vertical take off and landing) he has built a 10 ft long Avengers Heli-carrier, a fire extinguishing drone, a giant cargo plane, a microwave carrying airplane and much more! Peter Sripol is a content creator for FliteTest.com."

An R/C modeler who built this Foam Airplane that he flies in. The construction videos remind me of us building models. He is using tools and techniques that are the same as building R/C models.

The following 7 links are to his construction :

Part 1 Fuselage and basic design:

<https://www.youtube.com/watch?v=KidFSfdb8t8>

Part 2 The tail section:

<https://www.youtube.com/watch?v=0V7z4uAeVdc&t=15s>

Part 3 Cockpit and controls:

<https://www.youtube.com/watch?v=GjQ48hrLx34>

Part 4 Fiber glassing fuselage and wings

<https://www.youtube.com/watch?v=biZ2SI63nr0>

Part 5 Making the wing

<https://www.youtube.com/watch?v=xEqCt7GZo7M>

Part 6 Giant motors

<https://www.youtube.com/watch?v=O6sy5bt4D-Y>

Part 7 It really flies (short hops)

https://www.youtube.com/watch?v=N6CS-YJ3_VU

And it's powered by a pair of Turnigy RotoMax 150cc Size Brushless Outrunner Motor from Hobby King. Running on LiPo batteries.



Float flying 11/13/2017

70 degrees, blue skies and no wind (in November)?



Murray towing his float plane home after the engine quit. It's too big to put in the boat. (Maybe we need a bigger boat).

You don't have that trouble with electrics Murray.

BAS Meeting Minutes, 11/8/17

Hobbytown USA

Meeting was called to order at 6:34 pm by President Murray Lull.

Dean Ehn moved that the minutes of the previous meeting be approved as published. Motion approved.

There were no reports from the Vice President or Secretary.

Dean Ehn reviewed the Treasury report. There was a discussion of CD rates, but no action was taken.

Al Coehlo reported we have 90 members. 7 renewals for 2018 have been received. Several people noted that AMA has been taking a long time to send out cards, delaying BAS renewals. Mike Gulizia noted that the new 2018 application has been activated on the website.

Murray thanked Al for rebuilding the carburetor for the runway stripping machine.

Murray also discussed the positive meeting held with the City folks related to prairie dog mitigation in the pit areas and around the runway. They indicated a willingness to help us but said that it would probably take until late next year to get through the processes involved. They also approved limited mowing around and off the end of the runway, which Murray has already completed.

There was a discussion as to what happens to the club if it has to dissolve at some point for various reasons, including lack of volunteers for officer positions. A similar discussion occurred on the transition of the float fly boat. No action taken.

Chester mentioned the topic of “procedures”, to document various activities for future reference. Al indicated that he has added an area to the RC Club program for this purpose. Procedures need to be documented by folks who have managed such activities in the past, and Al will add them to the database. Chester indicated he would make a list of the procedures and we would discuss owners at the next meeting.

Rich indicated that the training group has an extra DX7 transmitter and 7000 receiver. We agreed these will be put up for sale. He also indicated that there was an extra Apprentice trainer available, and Ken Jochim agreed to be one of the instructors and will take care of the aircraft and equipment.

Nominations for Officers for 2018 were discussed, and no new candidates were added to the slate. The nominee list is published elsewhere in this newsletter and will be voted on at the December meeting. It was noted that James Mack has volunteered to do the newsletter for next year.

There was a discussion of Float Fly dues for next year. No change was proposed for 2018, but we will review the expenses for this year after the 2017 audit, and decide on any changes for next year.

There was a discussion of a possible donation to the “Play Boulder Foundation”, and it was agreed that the club already contributes significantly to the general community by maintaining the field for public use.

There being no further business, Dean Ehn made a motion that the meeting be adjourned. Meeting adjourned at 7:40 pm.

Respectfully submitted, Ken Jochim, Secretary

Spektrum DX-7 Radio For Sale



The club has a Spektrum 2.4 GHz DX-7 transmitter with an AR7000 7 channel receiver for sale. These units are the original DSM2 model. The package includes the receiver battery and transmitter/receiver charger but the battery condition has not been tested.

The unit was originally donated for use with the BAS Training Program but has not been required.

\$75.00

Contact Rich Anderson @ 303-898-6548

(The proceeds from this sale go to the BAS Club.)

Federal Registration

(It's coming back...)

The following information is a reprint which was extracted from the latest AMA Air. It is presented here for your convenience as not all members signed up for the publication. Check the links on the last page of this newsletter if you would like to sign up.

Congress recently finalized the National Defense Authorization Act (NDAA) that restores the FAA's registration requirement. This bill reverses an earlier U.S. Court of Appeals decision that struck down the registration requirement when John Taylor challenged the rule. When this new national defense bill is enacted, all hobbyists and members will again be legally required to comply with the FAA registration requirement.

We expect this legislation to go through final passage in the House and Senate, and to the President's desk soon. AMA members will be required to comply with the registration rule when it is again in effect. We will update you when this happens.

AMA believes that registration makes sense at some level, but has pushed for a more reasonable threshold, arguing that if registration is to be implemented, the criteria, threshold, and implementation should go through rulemaking. We are advocating that members should be able to use their AMA number/membership as an alternative to the registration requirement. While we address these issues, members will be legally required to comply with the FAA registration requirement when this bill is enacted.

We continue to work closely with Congress, the FAA, and other stakeholders to determine the best path forward when registration is reinstated.

Following are some frequently asked questions. Answers are based on the information available at time of press and are subject to change.

Q: If I already registered, do I have to register again?

A: Most likely you will not have to register again since this bill simply reverses the John Taylor case. We will share more as details emerge.

Q: If I requested a refund and asked to be removed from the registration list, do I need to register again?

A: There is a good chance you will have to register again. We will learn more once this bill is enacted. You can call 877 396 4636 to check the status of your registration.

Q: How do I register?

A: You can register at <https://registermyuas.faa.gov>. If you need assistance, please call 877 396 4636.

Q: Do I have to register every aircraft?

A: You only need to register your name, physical address, and email address once. You will receive a single FAA registration number which is to be placed inside all of your aircraft along with your AMA number.

Q: Do only drones and multirotor operators need to register?

A: No. Anyone who flies a model that is over 0.55 lbs (or 250 grams) and uses a ground-control system with a communications link, such as an RC transmitter, is required to register. If you exclusively fly models under .55 pounds, indoors, CL, or FF - you do not need to register.

Q: Do I need to list both my AMA number and my federal registration number on my aircraft?

A: Yes, you need to list both your AMA number and Federal registration number on your aircraft. We are advocating to allow members to use their AMA numbers. We believe an AMA membership already meets the intent of registration, but at this time place both numbers on your aircraft.

Q: How does UAS registration affect my membership?

A: AMA club or member benefits are not contingent on UAS registration. We encourage all members to follow Federal regulations, but we are not policing UAS registration.

Q: Should clubs, contest directors, or event leaders require all pilots be registered?

A: No, we are not asking our clubs or contest direc-

tors to police UAS Registration. That decision is up to each individual club and event leader.

Q: I am an Affiliate Member, do not live in the US, or I am not a US Citizen. How do I register?

A: Everyone, including foreign nationals and tourists, who operate a UAS for hobby or recreational purposes outdoors in the U.S. must use the FAA's online registration system. These non-U.S. citizens or non-permanent U.S. residents will receive the same registration certificate as U.S. Citizens or permanent U.S. residents. However, this certificate will function as a "recognition of ownership" document. This document is required by the Department of Transportation for foreign nationals to operate legally in the US.

Visiting pilots can only use a computer with a United States IP address to register. When arriving in the states, pilots can register using a US computer at a hotel, guest home, or even at AMA HQ. For assistance you can call 877 396 4636 or email FAA-Hotline@faa.gov.

Q: I only fly CL, FF, or indoors - do I need to register?

A: No. If you exclusively fly indoors, FF, or CL you do not need to register.

Q: Can I fly my large model aircraft? Turbine jets?

A: Yes. The Special Rule for Model Aircraft, which is part of the 2012 FAA Modernization and Reform Act, allows AMA members to operate model aircraft over 55 lbs as long as they are operating in accordance with AMA's Large Model Aircraft safety program. AMA members can also fly turbine jets provided the operator holds a current AMA Turbine Waiver.

Q: Does my large model aircraft require an N number?

A: AMA representatives, including AMA's legal counsel, met with the FAA on January 15, 2016, and this was one of the many questions that were raised. The FAA representatives confirmed that AMA members, operating models under the Large Model Airplane Program, should not have to apply for an N number.

Q: Am I permitted to fly first person view (FPV)? Can I fly at night?

A: Yes. AMA members are still protected by the Special Rule for Model Aircraft, which is part of the 2012 FAA Modernization and Reform Act. As long as AMA members continue to follow AMA's safety guidelines for these activities, they can continue to fly. The guidelines listed on the FAA UAS website do not negate the modeling activities and related safety procedures established in AMA's community-based safety program.

Q: What happens if I don't register?

A: According to the FAA, failure to register an unmanned aircraft may result in regulatory and criminal sanctions.

Q: Can I register by paper?

A: We understand there are AMA members who do not have a computer. The FAA offers a paper application, which currently is only available at local FAA Flight Standards District Offices (FSDO), but this process can take many months. If a member does not have a computer, we encourage them to have a club or family member help them register.

Q: I do not want to give my credit card information over the internet or have a computer? What should I do?

A: As for members who cannot or do not want to submit credit card information online, the FAA has agreed to accept gift credit cards such as Visa or Mastercard. You can purchase these gift cards, which closely resemble a credit card, through many retailers.

AMA EXPO WEST
January 5, 6, 7 2018
Ontario Convention Center, Ontario California

AMA EXPO EAST
February 23, 24, 25 2018
Leadowlands Exposition Center, Secaucus New Jersey

<http://amablog.modelaircraft.org/amaexpo/ama-expo-west/>

More Food-For-Thought

This is a repeat of a poem which I presented last December. As the year ends, may it remind you to keep your friends in your thoughts as life is too short.

Around The Corner

(by Charles Hanson Towne)

Around the corner I have a friend,
In this great city that has no end,
Yet the days go by and weeks rush on,
And before I know it, a year is gone.

And I never see my old friends face,
For life is a swift and terrible race,
He knows I like him just as well,
As in the days when I rang his bell.

And he rang mine but we were younger then,
And now we are busy, tired men.
Tired of playing a foolish game,
Tired of trying to make a name.

"Tomorrow" I say! "I will call on Jim
Just to show that I'm thinking of him",
But tomorrow comes and tomorrow goes,
And the distance between us grows and grows.

Around the corner, yet miles away,
"Here's a telegram sir," "Jim died today."
And that's what we get and deserve in the end.
Around the corner, a vanished friend.

Here's hoping you had another good year and best wishes for the new year.

This is my last newsletter as I am retiring from the Editor position.

Al Coelho



**Keith Holub
Charles Watt Jr
Kira Wilhelmi**

**Murray Lull
Bruce Wood**

Informative links

as you can never remember them...

Club Website: <http://www.boulderaero.org>
BAS RC forum: www.tinyurl.com/boulderrc

FAA UAS home page:
<https://www.faa.gov/uas/>
FAA UAS Registration page:
<https://www.faa.gov/uas/registration/>

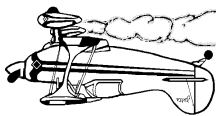
AMA home page: <http://www.modelaircraft.org>
AMA Newsletter:
http://www.modelaircraft.org/publications/AMA_Today.aspx
AMA Air: www.youtube.com/modelaircraft

Specialized Balsa Wood LLC
<http://www.specializedbalsa.com>

Will purchase Estate Lots or entire large RC collections.
Richard Myron 303-746-4274

Links should be active. Mouse over and click on them.

Next Meeting 6:30 PM Wednesday December 13th at Hobbytown.



THE INVERTED FLYER

Editor: Al Coelho

The Inverted Flyer is published monthly by the Boulder Aeromodeling Society as a service to its members. Submissions for publication are encouraged and can be but are not limited to: articles pertaining to Aeromodeling, letters to the editor, short news items of general interest to BAS members, and announcements. Space permitting, all submissions will be published except as follows: no anonymous letters or any submission containing morally objectionable content or language, as judged by the editor. Classified ads will be provided to the members of BAS free of charge. The deadline for all submissions and classified ads will be the first of the month for publication on or about the first Wednesday of the month. Opinions expressed in the Inverted Flyer are not necessarily those of the Boulder Aeromodeling Society general membership.

E-mail BAS-Editor@comcast.net