



## THE INVERTED FLYER

NEWS of the BOULDER AEROMODELING SOCIETY  
AMA Charter # 906

**December 2011 Edition**

Ken Miller Editor #41



Ready for the 2012 Float Flying next spring, with this OMP (Ohio Model Products) Fusion X3D. Weighs in at 10 lbs. With an OS 120 AX for power. Ken Miller

If anyone has a winter project going and wants to share it with us. Send it to the BAS Newsletter Editor.

The 2011 season is coming to an end and it's time to renew your BAS membership for 2012. Rates are the same as last year and can be found on the Club website. Please provide evidence of your 2012 AMA membership with your payment. Checks payable to BAS can be mailed to my address:

**Augie Bruno**  
738 14th St.  
Berthoud, CO 80513

We shall be changing the locks to the front gate and Porta-potty on or about Feb. 1, 2012. We've gone to combination locks and the combination will be printed on the back of your 2012 ID card. Additionally, should the combo need to be changed for any reason, that change will be communicated, via email, to active members only so please be certain that I have your current email address.

**A new feature has been added to our Club meetings @ HobbyTown. A \$20 gift certificate for HobbyTown will be provided to one lucky attendee at each meeting beginning with our December, 2011 meeting on Wednesday, December 14th at 6:30PM.**

It's also election of officers that night so come on out and support your candidate.....or put your name in the hat for an Officer's position and help in guiding the Club in the future!

Augie B.

## BAS MEETING MINUTES NOVEMBER 9th, 2011

Meeting called to order by **PRESIDENT** David Goodnow at 6:32 pm with 12 members present. Motion by David with a second by Dean Ehn to accept last months minutes as they appeared in the last newsletter. Motion voted and passed.

**TREASURE REPORT**--Treasure Dean Ehn gave a detailed report of the clubs finances.

**1<sup>ST</sup> VICE PRESIDENT REPORT**-- 1<sup>st</sup> Vice President Augie Bruno stated the club members dues payment is due by the first of this year. Total membership for the club stands at 94 of which 19 are also in the float fly group.

**2<sup>ND</sup> VICE PRESIDENT REPORT**-- 2<sup>nd</sup> Vice President Joe Sherran was not present. No report was given.

**NEW BUSINESS**--David Goodow ask for nominations for club officers for the upcoming year. No new nominations were forthcoming. All of the current officers present accepted to be nominated for their current office for the election next month. David stated nomination for any of the offices will also be accepted before the election next month.

A discussion was held on the float fly group as to their need as a separate part of the club. It was decided to leave the clubs status as is.

Motion by Ken Miller with a second by Mike Guiliza to have a \$20.00 HobbyTown USA gift card drawing for one lucky member at each meeting for the next six months. It is hoped this may improve the club meeting attendance.

Motion to adjourn by David Goodnow with a second by Rich Anderson. Motion voted and passed.

**Respectfully Submitted Rudy Glick.**

### **Members, December 2011 Birthdays**

**Mel Kooy**

**Keith Holub**

**Chris Miser**

**Murray Lull**

**Tom MacDonald**

**BAS Meeting, December 14th  
6:30 PM at Hobby Town USA**

**See Web Page for Event Listings  
[www.boulderaero.org](http://www.boulderaero.org)**

### **AIRCRAFT PRODUCTS AT EMPLOYEE PRICES!!!!.**

The sale will run from December 1, 2011 to New Years Eve.

One of the main reasons we run this sale is to help drive new members to the clubs.

Therefore, one of the stipulations is that you must be an active member and must have an active AMA membership card. Both must be presented at time of sale.

Your spouse or significant other can also bring in your membership cards to purchase on the sale. This offer includes all in stock and special order items!

Because all merchandise is being sold at employee prices no other offers, coupons, or discounts can be used in conjunction with this promotion.

The staff at HobbyTown USA would like to wish you a Merry Christmas.

**Sincerely,**

**Gary Kolm**

(I received a couple of queries on this subject so here it is for everyone.)

I experienced several complete loss of control episodes at Chatfield with loss of aircraft. I also experienced short loss of control and then a regain of control. This with 9303 2.4 and 8103 with module. RX's AR7000, AR6200

I have been flying many, many years and have been using Spectrum since the introduction of DX7 DSM2 several years ago. In all the years I'm flying going back to the late 50's I lost one airplane due to equipment failure in a KRAFT system. Never a blip or anything on 2.4 or 72Mhz.

The problems I relate have to do with DSM and DSM2.

To make a long story short I didn't make much of my crashes and assumed something failed and then while having lunch at the field we were talking and I come to find out I'm not alone!

We got somewhat concerned.

I went to Muncie for AMA75th in July flew quite a bit that 4 day weekend there with no problems and probably 100+ people on 2.4 present.

When I returned home one of the airplanes I flew at Muncie went down, same symptom.

It always happens on the east side of the N/S runway in low altitudes.

I took a brief poll of members and there are probably 30 such incidents and nobody put two and two together!

I've witnessed a 100cc 3D ship lose control on final, but luckily regain control after a short lapse. A call to Horizon confirmed that the red light in the 12 channel RX means loss of signal!

Given what I have seen or heard about it appears that the newer Spectrum RX's recover sometimes while the Chinese Hobby King do not recover quick enough in most cases.

I've sent both of my 9303 2.4 units for check out and upgrade. Both were sent back no trouble found, but no upgrade. I then called and somehow they lost my letter... and took them back after I spoke to them at length and they did find a bad RF board in one they pronounced solid just days before.

I started with the help of John Lipe (former Jefco Pres. who also has crashed multiple aircraft) to discuss this matter and do some research. I did find a site [rcmodelreviews.com](http://rcmodelreviews.com) where he finds the DSM/DSM2 scheme flawed in that it picks two frequencies and these can be close together in a busy spectrum and thus interference can be a problem!

I then contacted AMA asking for help. I was looking for some input or someone to scope the field etc. I got what I call a brush off from Greg Hahn and you can see that in his MA article two months ago where he tells you to go to 72Mhz if you have problems etc.

I did go out and get a spectrum analyzer for my laptop and it shows nothing I can see other than all too often we get two close by frequencies on turn up of a TX.

I was put out by the AMA response - so I contacted Dave Mathewson (I know him for several years from District II where he was VP) and he was surprised. He forwarded to me a study done for FAA which more or less confirms the weakness in the Spectrum DSM-DSM2 scheme (non frequency hopping.)

There is now an [rcmodelreviews.com](http://rcmodelreviews.com) of DSMx and it states that this is a great improvement and rock solid.

So John and I contacted Horizon to tell them we have a safety problem at Chatfield with 250 members and who knows how many non-members that use the facility. After several weeks of discussion they set up a program with the local hobby shops to discount DSMx receivers for our members until 12/31/2011.

They did this without first discussing the offer with us.

Their response is ridiculous, if offers a 15% discount now - so it tries to make a retail opportunity of a safety issue! I basically told them I can already buy that equipment for less than their offer and I think they are just plain hiding from the facts here and perpetuating a safety issue.

The Horizon people go on to state that there are 'no similar situations' and that I know to be false.

I'm in no way a radio or frequency person and could be reading this all wrong; however, I think there is enough here to make me conclude there is a serious problem. My guess is as the 2.4 spectrum becomes more and more crowded this problem will only grow.

I would ask that if you guys have similar problems to let me know and PLEASE go right to Horizon as, I think they have this all wrong! Numbers can speak loudly so if you have a problem step up.

My contact info is below.

[acedrummond@gmail.com](mailto:acedrummond@gmail.com)

(h) 720 851.5009

(mobile) 732.763.0301

Norman D Berger