



Buzzard Droppings



Promoting the building and operation of radio controlled models, and the public acceptance and good will towards the sport/hobby. Our main goal is to have fun and enjoy the challenge of safely flying radio control models.

March 2016
Volume 23 Issue 3

Barnyard Buzzards

Model Airplane Club

AMA Chapter 2953
Monroe, Washington

Next Club Meeting is **Tuesday, March 8th, 6:30 PM** at Alfy's Pizza on RT 2 in Monroe ([See page 7 for a NEW!! map](#)).

Program: **Pattern Events—How & Why**



President's Message — Chet Blake

Hey Buzzards!

Last month I talked about the North West Model Hobby Expo it's already a memory. The show offered a really good static display, plenty of swap table goodies and various vendors. At the Expo our District VP Chuck Bower talked

about quite a few things and the recent discontent by members to the AMA about the FAA "Drone" registration. As straight forward as possible, he said that it's the Government and they will do as they please, the AMA can only lobby, be

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February 10th Meeting Minutes — Mark Weeks

The meeting was called to order by President Chet Blake at approximately 6:31 with 12 members and 1 guest, Miles, in attendance. Club Officers were introduced by the club President, Chet Blake:

- President** – Chet Blake
- Vice President** – Tim Shegrud
- Secretary** – Mark Weeks
- Treasurer** – Ron Swift
- Safety Officer** – Vince Bell
- Field Manager** – Jay Bell
- Newsletter Editor** – Ron Swift

Webmaster – Ron Rueter
(Currently in AZ)

Chet called for additions or corrections to the minutes as published on the web. The minutes were then approved.

Reports

VP – Freeze-In was a great success. The board met and worked out a 2016 schedule of events to be pre-

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Club Officers and Contacts

President: Chet Blake (360) 863-2953

Vice President: Tim Shegrud (360) 348-6033

Secretary: Mark Weeks (425) 328-5705

Treasurer: Ron Swift (425) 788-6045

Safety Officer: Vince Bell (425) 788-2456

Newsletter Editor: Ron Swift (425) 788-6045

Field Manager: Open Position

Website: Ron Rueter (425) 210-3911



(President's Message continued from page 1)

present at committee meetings and present ideas and statistics. Recently there has been some signs of co-operation between the FAA and AMA, now asking to be recognized as a CBO (Community Based Organization) and make efforts to work side by side with the FAA.

One really big issue Chuck brought up was email notices and the amount of members that do not receive them. Upon investigation they have found that there is a huge amount of old and inaccurate email addresses. We're seeing a bit of that in our Club. If not done yet, Mark will be mailing a new membership application to members not at the meetings, to sign and return with their latest email and contact info. This will go in our files and to the AMA so you receive the NOTAMS, news from the AMA and of course Club news and announcements.

So on the field front and all this wet weather, Jay mentioned that this is a great time to see the low spots that need to be filled in and we'll have a work party on 3/12 to do just that.

Oh, did I say Jay? Yes, Jay has decided to contin-

ue as the field manager and we'll do our best to keep him managing and not working as much. C'mon out and help us keep that part of the bargain. Stay warm and dry and fly (when you can).

Chet



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sented during new business.

Treasurer – Finances are in good shape, there is still \$190.00 in the field improvement fund from last year's budget as well as money in reserves.

Secretary - The membership level at the present time is 34 plus 1 student members. 17 Members paid for 2016.

Safety Officer – Nothing has changed. We are still being safe. Keep it up.

Newsletter Editor – Hard copies of the newsletter are available and a number of copies have been sent to local hobby shops. Pictures and stories are needed.

Field Manager – Jay Bell has resigned and there is currently an opening, if interested contact a Board Member.

Webmaster – Items, stories, pictures are needed. As always looking for input, send to Ron.

OLD BUSINESS

Mark brought up the idea of making a path out of pallets to transverse the wet ground and to make a safer path to cross the creek. Mark started placing pallets.

AMA notifications about responses to DOT and FAA regulations. Mark to send letter to all members and check with AMA to make sure all members are on their list. The AMA originally wanted members to hold off from registering with the FAA but they now feel that their progress and negotiations with the AMA will take beyond the February 19th deadline. Now they advise to register before Jan 19th to get the \$5.00 refund or by February 19th to be legal. You are advised to take this seriously, fines can be quite high.

Bryan and Mike Bradshaw were talking about some of the Buzzards getting together and attending an indoor fly with the Barn Owls.

The board will be meeting later this month to work out an event schedule; we will try and get it out before the NWMHE so it can be printed on the newsletters to hand out. Lots of ideas, Model Aviation Day, Quad Races, Night Fly, Boats and Floats, Fun Fly, and much more. We do not want to tie up every Saturday in the good weather

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months with events but we also want to experiment with the choices and amenities we now have at our disposal.

Freeze-In went great, 28 flyers and a half-dozen guests. It was a nice turnout and a great time. Thanks to Sandy for the patches and food delivery.

NWMHE was held Jan 29th – 31st. The club had a booth and was well received. Lots of interest came from there and some good contacts.

The 2016 Executive Committee was announced and the meeting opened.

NEW BUSINESS

The board would like to propose the following events:

- April 30th - Night Fly Event 5:30pm.
- May 14th - Boats & Floats Event 10:00am
- June 4th – Field Work Party 10:00am
- June 14th – Builders Contest (at regularly held business meeting 6:30 pm)
- June 18th – Open House/Auction 10:00am
- July 23rd – Fun Fly 10:00am
- August 13th – Model Aviation Day 10:00am
- August 27th – Quads and Gliders 10:00am
- September 18th – 2nd Boats & Floats Event 10:00am
- October 1st - Field Work Party 10:00am
- October 11th – Rebuilders contest (at regularly held business meeting 6:30 pm)
- December 3rd – Christmas Party 3:00pm (held at Camp Edwards Lodge)
- January 7th – Freeze-in

Chet is the Primary Contest Director of record for the NWMHE held last weekend- Congrats! Ron was the backup CD.

Pallets have started to be placed to make a path over the creek. Looking for good heavy duty pallets. Contact Mark.

AMA District VP Chuck Bower had a very informative meeting during the Expo. The new FFA rules were the major topic of discussion. Most of what we do as AMA members is what the FAA seems to be adopting. To be safe and incompli-

ance remember to have all your aircraft labeled.

The AMA gave away a 9 channel Spektrum radio system from a drawing of attendees.

Report from Arlington Eagles via Mike Bradshaw is that they have secured their current field at least thru June. We are happy to hear that and we'll still keep our doors open for them until we hear they don't need the option.

We have scheduled 2 work parties, if there is a project you wish to take on please let Mark know so he can help coordinate.

All members will be receiving a 2016 application, please take the time to fill it out and return to Mark. We want to make sure the AMA and our club has current e-mail and mailing addresses.

Mark to work with Ron Rueter to ensure all members' info is updated and they have access to **Members Only** section of website.

January Program: NWMHE. Robot Wars, Carpet Racers, Boat Pond, Indoor Fly-in. Only two participants for the fly Competition first prize \$50.00. Second place was \$20.00. There was a larger swap area this year. The Mexican food was very good, as well as the coffee hut (Caffeine Drip).

Adjournment 7:58





Safety Corner

I hope everyone has had a safe month. You may be getting into other assorted types of trouble because of the wet field situation, but remember safety is more of a state of mind than a bunch of rules and regulations that are beat into us. Now don't get me wrong, we need to have the rules beat into us on occasion. Hopefully all that is needed is a gentle reminder - not a chopped off finger.

For you guys that don't fly year around and even if you do, I personally tend to fly the same plane most the time in the winter months so the others just sit around. It is time to get the planes out and do a detailed inspection of all the linkage, wiring connections, covering, look for cracked and nicked props and general air worthiness of the airframe. Unplug all the connections and inspect for corrosion.

If you didn't repair the defects as you find them they should be tagged identifying the required repair and or parts that are needed for the repair.

RECYCLE THE BATTERIES and make sure they are up to snuff.

Most people today are still using NiMH for their flight packs in glow and gas powered airplanes. Before you use a new NiMH pack make sure you form it. This may take several cycles to get the pack ready to use. There is a product on the market made by Sirius called a Former that will do the job for you.

For the electric planes the flight pack and the motor power are (in most cases) a single LiPo battery pack. If this battery is not up to snuff you can have some real problems.

A little story about my own experience with my electric powered drone, OOPs! Sorry Chet, my quad.

I usually fly it with the two batteries that I bought with it - with no problems. The first indication that I had that something might be amiss was at the first Floats and Boats Fun Fly last summer. Not knowing too much about LiPo batteries, I thought if I balance charged them and all the cells were equal and around 4.20V things were good to go. I had charged them about 2 weeks before the Floats and Boats fun fly. I checked them the night before with my LiPo tester it indicated about 97% and all the cells were approximately equal voltage. A bit lower than the other battery at 98% and all cells were approximately equal voltage.

Standing on the ramp to the dock the next day, I installed the first battery and did the compass calibration and set the quad on the ramp and let it find the required number of satellites, which it did, and it indicated it was ready for flight. It lifted off and flew about ten feet and landed itself in the weeds. I removed the battery and tested it. It indicated it was low about 45%, but should have been OK for a short flight. I installed the other battery and all was normal. After a six minute flight I landed and tested the battery. It was indicating about 25% on my tester which was about normal for my quad. After that I was careful to charge the batteries the night before I was going to fly the quad. I did notice both batteries were starting to indicate a low battery status on the quad with about 3 minute flight time, but testing after the flight indicated they were in the range of 45% charge, of course this was with no load.

I have since found out that used and neglected LiPos will develop a high internal resistance. Using a test setup with a load, wattmeter and a calculator you can determine the internal resistance of the LiPo battery. It takes a little playing around to set a baseline for what is good and what is bad using your load and wattmeter. I use 100W load consisting of two 50W 12V bulbs in parallel and a Asto-Flight wattmeter. Don't ask me why Astro Flight spells it this way.

If you have questions, find me at the field.

UNTIL NEXT TIME, BE SAFE BE COURTEOUS
Vince Bell, Safety Officer





Upcoming Events

The public is always welcome to come and check out our events free. All AMA pilots are welcome to participate in these events. There is usually a \$10.00 pilot's fee or a donation can for all events. We will have food and beverages available for each of the flying events.

April 30	Night Flight Event	Club Field	Starts at 5:00 PM
May 14	Boats & Floats	Club Field	Starts at 10:00 AM
June 14	Builder's Competition	Alfy's Pizza	Starts at 6:30 PM
June 18	Open House & Charity Auction	Club Field	Starts at 10 AM
July 23	Fun Fly	Club Field	Starts at 10:00 AM
August 13	Aviation Day	Club Field	Starts at 10:00 AM
August 27	Drones & Gliders	Club Field	Starts at 10:00 AM
Sept 18	Boats & Floats	Club Field	Starts at 10:00 AM
October 11	Rebuilders Competition	Alfy's Pizza	Starts at 6:30 PM
Dec 3	Annual Christmas Party	Scout's Diner (Club Field)	3:00 PM
Jan 7 2017	Annual Freeze-In	Club Field	Starts at 10:00 AM



Name: _____
 Address: _____
 City: _____
 State: _____ ZIP _____
 PHONE: _____ AMA # _____ YEARS MODELING: _____
 E-MAIL ADDRESS: _____

2016



RADIO FREQUENCIES 2.4 GHz 27 MHz 5.8 GHz (video)
 72 MHz and channel # _____
 50 or 53 MHz (HAM) Frequencies _____

MODELING EXPERIENCE (INCLUDING PREVIOUS CLUB MEMBERSHIPS)

PRIMARY INTERESTS/SKILLS:

- BUILDING ELECTRONICS PAINTING CONTEST DIRECTOR INSTRUCTOR
 COVERING CONTEST JUDGE DESIGN/EXPERIMENTAL SCALE SPORT
 PATTERN IMAC HELI QUAD/HEX

Month Born:

- January February March April May June
 July August September October November December

By accepting membership, I hereby agree to abide by the rules, By-Laws and regulations governing club flying and related activities, and will maintain current membership in the Academy of Model Aeronautics (AMA) for as long as I actively participate in said activities with the club.

In consideration of my use of the club flying facility, I agree to indemnify and hold harmless the land owner, the members and officers of the Barnyard Buzzards Model Airplane Club, Inc. from and against all claims, damages, losses and expenses, including reasonable attorneys' fees in case it shall be necessary to file an action suit arising out of my presence and use of the flying site, which is for the bodily injury, illness, or death, or for property damage, caused in whole or in part by my negligent act or omission.

SIGNATURE: _____ DATE: _____

Please mail check for \$90.00 and a photo copy of your current AMA membership to:
 Ron Swift
 16325 315th Ave NE
 Duvall, WA 98019 (425) 788-6045
ronswift@cablespeed.com



One of the club officers will contact you, once your application has been reviewed. It is recommended that you attend one of our club meetings and/or stop out at our club flying field so that you'll have a chance to meet some of the club members and allow them to meet you.

Buzzards Membership

With a grass runway measuring at least 417 feet long, we have a great runway. Our field is being improved every month and we have a plan to make it even better!

We have planned many exciting events for 2016 that include a Fun Fly, Night Flight, Water Fun and more!

Our dues for 2016 will remain at \$90.00. Join now and get all of our 2016 membership privileges! See Page 6 for our membership application. Plus, our events are a lot of fun to participate in and to watch, too! There is usually food involved.



25600 Monroe Camp Road, Snohomish, WA



Camp Edward is located near Monroe, Washington in Snohomish County. The most common route is from Highway 2 in Monroe near Albertson's. Turn north onto Woods Creek Road. As you travel north on Woods Creek road, it will come to a Y intersection, stay to the right (Yeager Rd).

*** If you go the the left as shown by MapQuest , make sure you take the next right to stay on Woods Creek Road. Then stay to the left at the intersection where Yeager rejoins Woods Creek Road, be careful as oncoming traffic does not stop ***

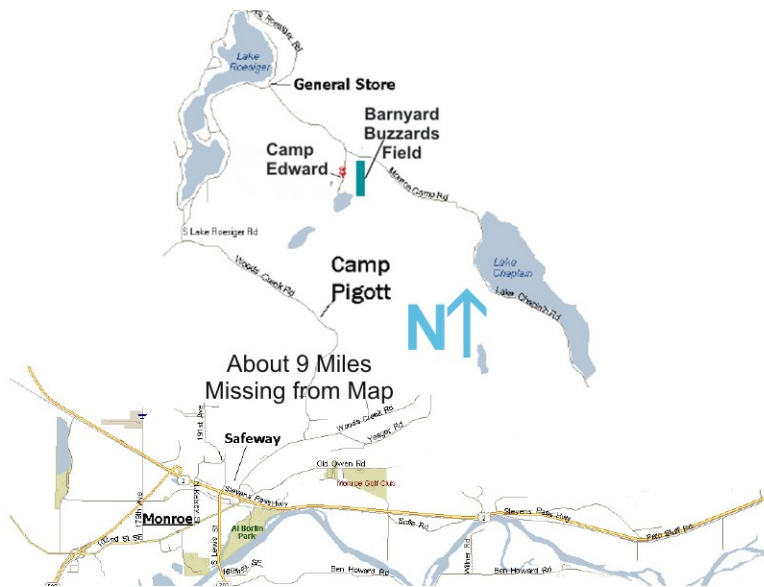
Yeager will rejoin Woods Creek Road at a 4-way intersection. Stay straight-ish, not a hard right, be careful as oncoming traffic does not stop. In a few miles you will pass the entrance to Camp Pigott. Keep going.

Turn right at the "T" intersection with Lake Roesiger Road. At the next "Y" intersection, stay right, onto South Lake Roesiger Road. Turn right at Monroe Camp Road, The Lake Roesinger Store will be on the left. In about a mile, the road will fork again, stay straight. After a short distance you will see the Red Barn and our gate. Our parking is past the gate on the East side of the barn. Alfys Pizza (our monthly meeting place) is along RT2 in the Staples plaza.

Our club meetings are open to the public. We meet at 6:30 PM on the **2nd Tuesday** of each month at Alfys Pizza in the Staples Plaza on RT2, Monroe, WA. If you would like additional information, come out to a club meeting, or contact one of our club officers.

Each meeting starts with an introduction of the club officers followed by a short business meeting. Next we have a **program** about some aspect of the hobby/sport.

Then, a **Show & Tell** and **raffle** conclude the meeting, which ends at around 8:30 P.M.

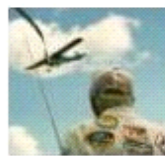


Upcoming Meetings

Meetings begin at 6:30 PM
2nd Tuesday

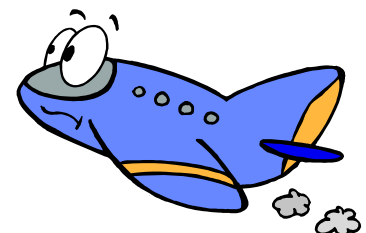
- March 8 Alfys Pizza
- April 12 Alfys Pizza
- May 10 Alfys Pizza
- June 14 Alfys Pizza
- July 12 Alfys Pizza
- August 9 Alfys Pizza
- September 13 Alfys Pizza
- October 11 Alfys Pizza

Barnyard Buzzards Pilot Training



Our club is dedicated to the safe pursuit and advancement of model aviation. We offer all members free lessons to learn how to build models and to fly them. If you should have any questions about the club, flight instruction or membership requirements, call any of the club officers. We have a safety checklist available for those new to our flying field.

Current Flight Instructor:
Ron Swift 425 788-6045





Next meeting, **Tuesday, March 8th 6:30 PM** at Alfy's Pizza on RT 2 in Monroe ([see page 7](#)).

Program: **Pattern Events—How & Why**



16325 315th Ave. NE
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