



Buzzard Droppings



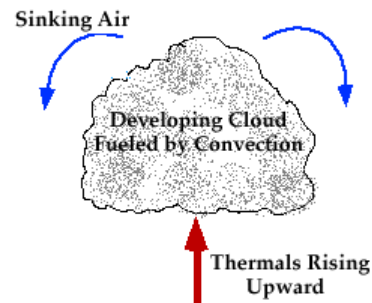
Promoting the building and operation of radio controlled models, and the public acceptance and good will towards the sport/hobby. Our main goal is to have fun and enjoy the challenge of safely flying radio control models.

March 2017
Volume 24 Issue 3

Barnyard Buzzards AMA Chapter 2953
Model Airplane Club Monroe, Washington

Next Club Meeting is **Tuesday, March 14th, 6:30 PM** at Alfy's Pizza on RT 2 in Monroe ([See page 9 for a map](#)).

Program: Glider Presentation – What, Where & Why



President's Message — Mark Weeks

Greetings, Buzzards!

The NW Model Hobby Expo was a little over a month ago and I hope that you are getting all of your purchases tuned up, installed and ready for better weather that is just around the corner. Our booth was well represented and staffed. A

warm thank you goes out to everyone who spent time helping out, and a special thanks to Tim Shegrud for going above and beyond, spending most of all three days there. We had some good leads for membership and were

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February 14th Meeting Minutes — Chet Blake

The meeting was called to order by the President Mark Weeks at approximately 6:30 pm with 13 members and 2 guests in attendance.

2 members brought their Valentines to the meeting. John Rennert introduced his wife Betty and Ron introduced his wife Sandy. Welcome guests!

Mark said that he appreciated those in attendance for being brave enough to be at the meeting on Valentines night so he would try to keep

it short and let everyone go home to their Valentine.

Club Officers were introduced ...

- **President** – Mark Weeks
- **Vice President** – Bryan Reightley
- **Secretary** – Chet Blake
- **Treasurer** – Ron Swift
- **Safety Officer** – Don Bailey
- **Field Manager** – Jay Bell- absent
- **Web** – Ron Rueter - absent
- **Newsletter Editor** – Ron Swift

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Club Officers and Contacts

President: Mark Weeks (425) 328-5705

Secretary: Chet Blake (360) 863-2953

Safety Officer: Don Bailey (425) 350-9557

Field Manager: Jay Bell (206) 234-7786

Vice President: Bryan Reightley (206) 940-0638

Treasurer: Ron Swift (425) 788-6045

Newsletter Editor: Ron Swift (425) 788-6045

Website: Ron Rueter (425) 210-3911



(President's Message continued from page 1)

contacted by a group from the UW that wishes to come out to our field to fly and learn with us.

I also want to remind everybody that by the end of the March meeting your 2017 dues are due. The dues are still \$90.00, and a valid 2017 AMA membership is REQUIRED to be a member of the Buzzards. The Gate combo will be changed shortly after the meeting and Chet will be working on getting new membership cards out.

I cannot believe the weather we have had this past couple of months with SNOW, rain and more rain. However, even with over 12 inches of rain so far this year the field is really holding up. I know I have said it before, but it is worth saying again, the pits and parking lot are in fantastic shape. The flying field has a few low spots that hold some water that will be addressed this spring, but they can be dealt with without too much effort. Some of us use those areas as a breaking system for landings.

Before long, the sun will be shining and flying season will be in full swing. Now it the time to check batteries to make sure they are holding a

charge. If not within 80% capacity, you have time to order them. Give your planes a once over to make sure winter gremlins did not attack, so when that sunny day hits you can get right out and fly.

See ya at the field,
Mark



(Continued from page 1)

Mark called for additions or corrections to the minutes as published on the web/newsletter. No corrections were mentioned. The minutes were approved.

Reports

VP Bryan reported that this year's events are in the newsletter and online now. We're looking forward to a fun year with the added favorites like the Night Flys and Floats n Boats. One each in the spring and one each in the fall. We've added another first to the events page, it's the First Glider event. Don Bailey will CD this event and it promises to be both a competition and a learning experience.

Treasurer – There is still \$272.00 left from the 2016 field improvement budget transferred to 2017 Budget. We are doing ok on the financial front and membership dues are coming in, aiding the balance sheet.

Secretary - The membership level at the present time is 38 but 5 members haven't rejoined the AMA. Chet has sent reminders to them. Just as a reminder, You MUST belong to the AMA in order to be a member. We have 13 members paid for 2017.

Safety Officer – Don reported that he's impressed with the efforts of everyone keeping things

safe. Keep your awareness up of what you're doing and managing.

Newsletter Editor - Printed copies of the newsletter are available for anyone who wishes a hard copy. Ron asks that if people take pictures to please send copies to him and Ron Rueter, for possible newsletter/website usage.

Field Manager – Nothing new to mention. Jay is working on some plans for items that need attention this year.

OLD BUSINESS

Ron Swift received a 15year Gold Leader Plaque, Badges and a letter from the AMA for our club. This is a real accomplishment for any Club. We really stand out with this.

Field is very wet, but parking and pit are in great shape.

House Bill 1049 (personal ID and address displaced on a model aircraft) was being proposed by State Reps. Write in to your representatives and voice your concerns.

New Business

(Continued on page 3)



(Continued from page 2)

The NW Model Hobby Expo is now history for 2017. Some of the interesting assets were the Tiny Whoop FPV races and the open Fun Fly caged area. Both got a lot of attention and use.

The AMA leadership was there and great to see the President, Rich Hansen, Executive Officer Dave Mathewson, Mandy and our District XI VP, Chuck Bower, along with the Associate Vice Presidents per state.

They had a meeting in the log building at noon – Saturday and discussed some of moves to adopt and embrace drones into the hobby and how it can be beneficial for the upcoming generations and attract young people. Also, they discussed the working relationship that has gotten better with the FAA and the FAA's acceptance of the AMA Safety Code and being recognized as a Community Based Organization. Lots of good info and facts with a lively comment period after the program.

The Club booth had quite a flurry of activity. Hopefully the curiosity seekers will come, visit and join the Club.

There was a young lady by the name of Karine and is part of the Autonomous Flight Systems Laboratory from the University of Washington. The research group is using unmanned aerial systems to map farming, track animals, and advancing flight controls of drones. They fly their autonomous aircraft under supervision of the FAA and Part 107 (registration of drones over 0.55 lb.). She was inquiring about their group coming to the field and performing some flight tests. The Club is considering this and will be in touch with her or the group.

Mark and Chet approached Chuck Bower and invited him to the field and events. Chet will send a special invitation to him so he can schedule time.

Ron Rueter will be updating the Club Facebook page and contacting everyone when he has it ready.

\$90 Club dues are due by the end of business at the March 14th meeting. REMEMBER, you MUST have an active AMA 2017 membership to be a member of the Club. Please check your AMA cards or current membership status.

Chet will be sending in the 2017 Charter to the AMA

A motion was made, seconded and approved to pay Sandy \$5 for each Freeze-In patch. The new design is a hexagon with the Freeze-In design and each year attended will have the year in rectangles surrounding it. Very Nice!!

A motion was made, seconded and approved to pay \$80 for the replacement banner that the Club booth was adorned with. It has the new BBMAC.net

web address and is nice and clean.

Program

In an effort to keep the meeting short for Valentines Day the program was a discussion of the NW Model Hobby Expo, thoughts, ideas and purchases.

The FPV drone races were a big hit with many spectators watching the races and flat screen that the Die Hard RC set up.

The swap meet was reported as bigger than ever.

The Fun Fly gave out prizes for 1st, 2nd and 3rd places. 1st paid \$50, 2nd paid \$25 and 3rd paid \$10. Wow, just for having fun!!

Mark bought a PT 17 bi-plane that needed a little love and is getting it ready for its new maiden flight.

Chet bought a Super Sportster EP that he has already flown and is solid. Just needed a receiver and battery.

Lots of planes, drones, helies and flying apparatus went through the doors of the swap meet even down to the last hour.

Ron is looking at getting vendors interest in a 'Try Before You Buy' sales idea and is looking at hosting even more drone events in the future.

Don Bailey brought his Mini Chipmunk that was made from a Guillows model kit and powers it with a 170 mAh Lipo and a mini power kit with 3 channel control system. Really cool!!

Adjournment – 7:29 pm

Respectfully Submitted by
Chet Blake BBMAC Secretary





Safety Corner



Don Bailey

There are so many ways to destroy an airplane in this hobby it makes us wonder how we ever get away with so many successful flights with our models, with no catastrophic mishaps. One of my old mentors used to say, "If you want your airplane to last more than a year, don't fly it for more than a year!"

Think about all the ways things can break or come loose or jam up, causing all sorts of bad outcomes. There are some particularly crucial elements with model airplane systems, whose failure will almost certainly lead to a "fatality", due to the primacy of their function. We call them "single point failure" elements, meaning that once they fail, there is no 'back-up', and no recourse to an inevitable crash. Safeguarding against them should be first up on any pilot's flight-worthy checklist.

On-board battery—we all know (first hand, for many of us) what happens if our battery gives up the ghost. Knowing the capacity and overall health of our batteries is essential for safe flight. Do you have a battery cyler? These devices discharge the battery pack at a known rate, over a set time, and the capacity (in milliamp-hours) can be calculated and recorded. If after a time you notice your battery is no longer holding at least 80% of the rated charge, it is time to replace it. For really expensive models, many pilots will use more than one battery, for redundancy. This is a great solution, but the health of the batteries must still be regularly monitored and recorded.

On-off switch-- As with the battery, a faulty switch will result in immediate disaster, and the pilot will be helpless to do anything about it. Using cheap switches from Radio Shack is a no-no! This is one area where top quality is always well worth the price, if you value your plane. Switches can also be doubled for redundancy, in an arrangement

where both switches must be in the off position to shut off the radio.

Elevator function-- You can lose one aileron and still get down with the other one. You can lose the rudder, and the ailerons will steer the plane. But lose the elevator, and there is only one way back down (and it ain't pretty). This is one control function that deserves extra attention, against push-rod bowing, clevis disconnections, hinge failures, whatever might impede the proper function of the pitch control.

Wing retention—Are you still using rubber bands to hold on your wing? Be sure to use lots of fresh ones, and make sure the dowels are still holding up well. Wing bolts can strip, particularly in threaded wood blocks, so make sure you don't over-torque them.

Other single point cautions come to mind, such as reliable radio transmission and reception, control or pushrod binding, and primary structure weakness and damage. With aircraft safety, redundancy is king, and should be employed wherever your creative mind can think to apply it.

Until next time, be safe and have fun! --Don



Hey! Don is doing a presentation on gliders for our meeting program this month. Our meetings are always open to the public so come on out and catch the wave .. Ah, er thermal...

The idea is to get some info and allow us to get ready for our glider event on May 20th starting at 10:00 AM. Don mentioned having a glider clinic at the beginning of the event and a timed motor run competition at the end of the event. As always, all AMA pilots are welcome to participate in the event. There will be food and beverages, too for a nominal cost. See you there!





Buzzards at the NW Model Hobby Expo



Tim, championed the club booth for much of the EXPO. We had lots of visitors and many of them tried out RC flight using the the RealFlight simulator.

Don, Ron and Chet are the event AMA Contest Directors. Lots of activity in the indoor flying area, too.

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 22 Night Flight 6:30PM - ??

May 20 Electric Glider Event 10:00 AM

June 3 Boats and Floats Event 10:00 AM at the lake dock

June 13 Builder's Competition during our Tuesday Club Meeting

July 22 Quads Event 10:00 AM

August 12 Model Aviation Day/Charity Auction 10:00AM

August 26 Annual Fun Fly 10:00 AM

September 16 2nd Boats and Float Event 10:00 at the lake dock

October 7 2nd Night Flight 6:30 PM—??

October 10 Annual Rebuilder's Competition at our Tuesday Club Meeting

Dec Annual Christmas Party 3:00 - 6:00 PM

Jan 6, 2018 Annual Freeze-In Club Field Starts at 10:00 AM

See the map on [page 9](#)—Guests are invited to these events!



Buzzards - Flying at Our Field





Buzzards - Flying at Our Field 2





2017



Name: _____
Address: _____
City: _____
State: _____ ZIP _____
PHONE: _____ AMA # _____ YEARS MODELING: _____

E-MAIL ADDRESS: _____
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: _____

Full Membership: \$90.00
Family Member: \$45.00
Student Member: \$25.00

Please mail check and a photo copy of your current AMA membership to:
Ron Swift ronswift@cablespeed.com
16325 315th Ave NE
Duvall, WA 98018
(425) 788-6045



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 2017 that include a Fun Fly, Night Flight, Water Fun and more!

Our dues for 2016 will be set at our October 11th meeting. Join now and get all of our 2016 & 2017 membership privileges! See this page 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



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**

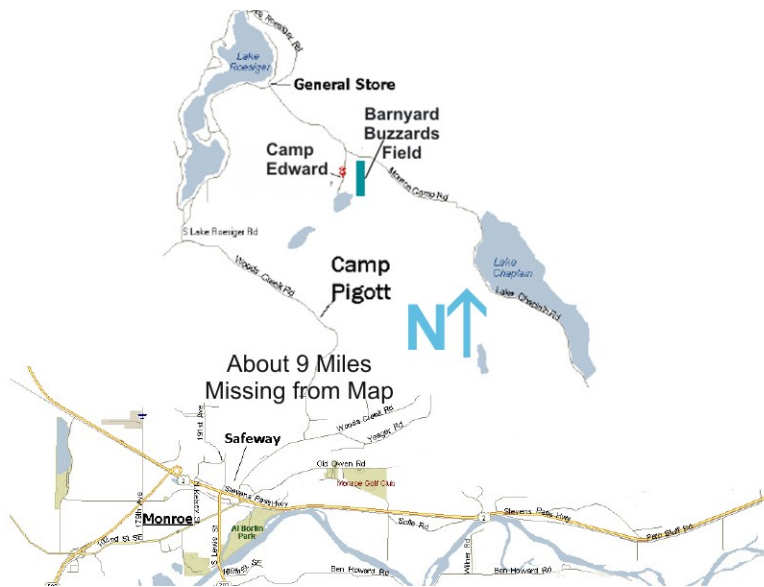
- March 14 Alfys Pizza
- April 11 Alfys Pizza
- May 9 Alfys Pizza
- June 13 Alfys Pizza
- July 11 Alfys Pizza
- August 8 Alfys Pizza

Camp Edward and the Hanner's Memorial Field are located north of 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,.(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.



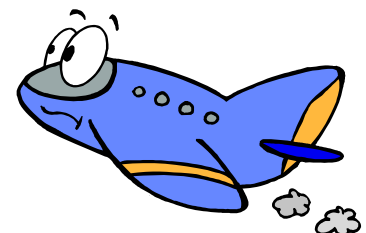
Barnyard Buzzards Pilot Training



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

Current Flight Instructors:

- Chet Blake (360) 863-2953
- Paul Dibble (425) 359-1808
- Ron Swift (425) 788-6045





Next meeting, **Tuesday, March 14th 6:30 PM** at Alfy's Pizza on RT 2 in Monroe ([see map on page 9](#)).

Program: **Glider Presentation – What, Where & Why**



16325 315th Ave. NE
Duvall, WA 98019

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