



AMOS January 2022 Newsletter

Board Meeting Recap – 7pm 1/4/2021 Zoom Call

New Business:

1.) Dave Long reports new AB gravel installed at the south end of the field. This will accommodate construction of three additional shade structures during the winter/ spring months ahead.

Motion to approve cost of new structures to be paid for the amount of \$11,000.00 by Dave and the club to allocate \$1,500.00 to complete the project. Motion was approved.

2.) Motion forward from 12/4 meeting to post the “wall of fame” only on days of events. Motion was approved. 3.) Motion to add “Pattern Plane” event to roster of AMOS events suggested by Fred Lite. Motion was approved.

4.) Expansion of trainee program proposal. Dave Long suggests expansion of the AMOS training from only on Wednesdays from 4 to 6 pm, which is during Daylight Savings Time, to Year round by reservations by the trainee.

Reservation requests will be sent to the trainers who will coordinate an appropriate time and date to meet the trainee. This program will fit within the AMA guidelines. Motion by Dave to keep walk-in training as is, plus offer registration as well.

Walk-in hours during PST shall be changed to noon until 4pm, per request by Randy Allen and Bob Deathrage.

5.) Motion made to delete Doug Reid (at his request and approval) as past president and to install John Sorrenson as past president was approved.

6.) Motion to provide ZOOM login instructions/link to general membership to observe exec. meetings. Steve Stanley will work with Dave on how to implement instructions for AMOS general membership to observe all future executive board meetings via ZOOM. Motion was approved.

7.) Motion to set new gate code for 2022. New code was discussed and a new code suggested by Carlos. Code was voted on and approved.

8.) John proposed that the club present Doug Keller a lifetime AMOS membership and plaque. Doug is an original AMOS member from the very inception with several years of dedication to our club. Motion was made to do so and approved. Doug Reid will acquire a plaque hopefully by our next general membership meeting.

9.) Discussion: Swap meet will remain every month prior to the General Meetings. Wind sock on the east side of the runway has not been used for some time and is an unnecessary obstacle and will be removed. Meeting was adjourned at 8:41 pm. Below is an attachment from Jody Kahan regarding the fiduciary change from previous board members to new board members. Jody RESOLVED, that UMPQUA BANK currently is and shall continue to be the bank in which the funds of this Organization are to be deposited; and that;

(1) Douglas Reid, the past president of this Organization shall be removed as a signer on the Organization's bank accounts;

(2) Douglas Keller, the past vice-president of this Organization shall be removed as a signer on the Organization's bank accounts;

(3) that David Long is the currently elected and acting President of this Organization;

(4) that Keith Fick is the currently elected and acting vice-president of this Organization;

(5) that Joel Kahan is the currently elected and acting Treasurer of this Organization;

(6) that said David Long, Keith Fick, and Joel Kahan shall be and hereby are authorized and empowered to keep one or more accounts in said bank, in the name of this Organization, and to cause to be deposited in the bank to the credit of this Organization, any and all moneys, checks, notes, drafts, acceptances or other evidences of indebtedness belonging to this Organization. RESOLVED FURTHER that Umpqua Bank is hereby authorized to make payments from the funds of this Organization based on checks or drafts on the funds of this Organization, signed by the following only:

the President, David Long, the Vice-President, Keith Fick, or the Treasurer, Joel Kahan , who are hereby authorized to sign, endorse, accept, make and execute any and all checks, notes, drafts and bills of exchange in the name of this Organization

General Meeting Recap – 9am 1/8/2021 AMOS field

New Business

Dave asked for a motion that the meeting time for the General meetings at the AMOS field be changed from 9:00am to 10:00am in the future. Dave also asked for a motion that the minutes of the previous general meeting of 11/13/2021 be accepted.

Tom Aschwanden made the motions, Steve Stanley seconded. Both motions were voted on and approved. New shade structures and added AB; Dave stated that 100 yards of AB had been dropped to facilitate the addition of 63' of petromat and three more shade structures providing 63 x 24 feet of additional shade, centered along the runway.

Total cost of this project projected to be approximately \$11K with AMOS providing \$1,500.00 and the remaining cost to be paid by Dave L. Motion for approval was made by Dave for club approval; Steve Stanley made the motion and Mike Dunbar seconded. The motion was voted on and approved.

Wall of Fame Motion by John Sorenson for the “Wall of Fame” fixture to be exhibited only at club events. The motion was seconded by Keith Fick voted on and approved. Pattern Plane Event Fred Light proposed the addition of a sanctioned Pattern Plane Event to be added to the AMOS event schedule.

Fred will provide additional “ Club Class” information and AMA pattern information will be available on the AMOS web site. Fred also stated that one can use their favorite plane, not needing to purchase specialized models to participate.

Fred will facilitate information for training requests in the frequency box. More info to follow. The motion to add the Pattern Plane event was made by Keith Fick, seconded by Tom Aschwanden, voted on and approved. Tri Fold Brochure Dave has crafted the new 2022 tri fold brochures including AMOS info on event schedules, club photos, membership forms, links to events, etc..

Tri folds will be sent out to all AMOS members in the near future. Expansion of Training Program Dave Long suggests expansion of the AMOS training from only on Wednesdays from 4 to 6 pm to Year round by request for trainers to be available via the AMOS website.

Motion by Mike Dunbar to keep training as is and to add an offer for training request registration on the AMOS web site, second was made by Keith Fick, Voted on and approved. Trainees will be able to state time and date they are available for training. Trainees coordinate with trainer for exact time and date to meet.

Past President Motion was made by Keith Fick and seconded by Andrew Wilkins to remove Doug Reid as past president (per his written request and approval) and install John Sorrenson to the position of past president.

The motion was voted on and approved. Executive Board Meetings on Zoom The executive board meetings are now being held via ZOOM on the 1st Tuesday of each month at 7:00pm. Dave has provided a link via email to the general membership to observe all board meetings via ZOOM.

There is no cost to members for this link. A motion to approve the aforementioned was made by Andrew Wilkins, seconded by Steve Stanley then voted on and approved. Payment of Dues for 2022 Several members have renewed their membership using the convenience of PayPal.

Members do not need a PayPal account to use it, and may use a credit card for payment thru PayPal if desired. Due to a \$5.00 fee per PayPal transaction a budget modification is needed to account for such. Payment of yearly dues will always be accepted by check or cash if desired. A motion was made by Jody Kahan to approve the budget for payment of PayPal fees, Andrew Wilkins seconded, the motion was voted on and approved.

Recognition of Doug Kellar A motion was made to present Doug with a "Lifetime AMOS Membership" and a plaque of appreciation for his many years of dedication to AMOS to be presented. The motion was made by Jody Khan, seconded by Andrew Wilkins, voted on and approved. Financial officers A motion was made by Jody Khan, seconded by Andrew Wilkins voted on and approved to remove the past president and vice president and install Dave Long and Keith Fick as the custodians of AMOS fiduciary responsibilities at Umpqua Bank.

Field closed for one hour during general meetings Mike Rutledge presented a motion to close the field to all non-meeting activities during our monthly general meetings. Many distractions occur from loud side conversations and flying while we are trying to hear and pay attention to the subjects at hand.

This only amounts to a field closure of 1 hour +- a month. The motion was made by Mike Rutledge, seconded by Keith Fick voted on and approved. Discussion: New Gate Code Carlos Reyes will be changing the gate code effective 01/31/2022.

Andrew will be sending the code to current 2022 dues/ paid membership. Car track and Helipad Relocation Tom Aschwanden was approached by Scott with a proposal to add a car track when the helipad is relocated. Discussion of a car track involved several members as to the feasibility to such, and when/where exactly the helipad was to be moved.

Topic was pinned for further discussion in the future. Bovi Agriculture Andrew was approached by one "Bovi Agriculture co." to use our AMOS property for experimentation of a machine weighing some 4,000 lbs.

Discussion of the impracticability of such a machine on our property resulted in the request to be respectfully declined. Hand out holders Dave is handing out AMOS cards and holders to our local hobby shops. Annual Audit Jody stated that an annual audit is required of AMOS.

It must include one general member. Dave Long, Andrew Wilkins, and Mike Rutledge shall conduct the audit. Wind sock removal For some time there has been a windsock pole out on the south east of the field. There has been no sock on it for a few years and discussion of its removal ensued. Some deem it as an obstacle , while others wanted it to remain and have a small sock installed on it. Subject has been tabled for further examination.

Web Site Dave has improved our website to include installations of wind, temp, and humidity gauges. Steve Stanley noted that our website has some "dead links" on it that lead nowhere when accessed. Dave will contact Ian to resolve those issues. Note; Dave is doing some maintenance on the field cameras. Badges Andrew brought it to attention that many members are failing to properly display their AMOS I.D. badges when at the field.

This is making it impossible to determine if they are active members, now that we have 230 members. This results in a possible uncomfortable confrontation to verify a member at the field with no visible I.D.. Andrew will soon post the current member list in the frequency box. So, WEAR YOUR STINKING BADGES please. Freeze Fly Keith noted that our Freeze Fly went well.

We had over 50 enthusiastic attendees and 20 pilots. Basil plus 3 volunteers kept things cooking in the Gazebo. It was 32 degrees at 8am- so it lived up to it's name. U-Line Pad Unfortunately, a tow truck that was called to remove some equipment stuck in the mud demolished a portion of the U-Line pad by making a 3 -point turn while on the petromat.

This will be repaired soon. Members Andrew stated that our current membership stands at 230. This may change since some members have yet to renew for 2022. Meeting adjourned at 10:35 am Minutes submitted by Michael J. Dunbar AMOS Secretary 2022 . Below is an attachment from Jody Kahan Final budget approved at our last general meeting

AMOS CASH FLOW PROJECTION AND BUDGET-2022 INCOME (PROJECTED)

Membership Dues \$23,000
Field Improvement Fees \$5,000
Late Fees \$170
Event Revenue \$3,500 Donations,
Cash \$385
Interest Earned \$3
Other \$94

Total Income \$32,152 EXPENSE

PROPOSED

Field Lease \$7,880
Porta-Potty \$1,704
Event Costs \$3,500
Field Maintenance \$3,000
Supplies \$430
Website Maintenance \$660
County Taxes \$256
Training Costs \$200
Recognition Awards \$400
Filing Fees - \$50 AMA Charter (Including Insurance Certificate 120 Equipment
Purchase 300)
Field Improvements \$5,000
Charitable Contributions \$200
Postage \$200
PayPal Fees \$1,000
Miscellaneous \$1,000
Other \$100

Total Expense \$26,000 CASH FLOW

PROJECTION

Beginning Operating Funds \$37,687
Beginning Cash Reserve Funds \$12,800
Total Beginning Cash \$50,487
Cash received \$32,152 Cash Disbursed (\$26,000)
Net Cash In (Out) \$6,152 Ending Cash -
Total - \$56,639 RESERVES AND OPERATING CASH

Beginning Reserve Fund \$12,800
Addition to Reserve Funds \$25,000
Ending Reserve Funds \$37,800
Ending Operating Cash \$18,839 Ending Cash-Total = \$56,630



More Pictures from the Freeze and Fly Event on 1-1-22





Dealing with the Wind when Flying R/C Airplanes and Helicopters

Flying R/C planes and helicopters can be more enjoyable when the weather is just right but on some days when there are higher than usual winds, like in the Spring and Fall, it can be a challenge.

For some reason expert R/C Pilots are not effected much in flying on windy days. I saw a guy fly a tiny 8" wingspan R/C plane in 25mph wind with no problems! Of course every RC Pilot has there limits and even experts can be caught off guard by shifting winds and crash.

When is there too much wind- when your Plane is not safe sitting on the ground!!

Types of windy days -

Steady wind coming from mostly one direction with slight variations.

These are much better days to fly when there's 5-10mph winds. Great for Warbirds! The wind can be manipulated to give better lift on takeoff and slow the plane down on landing.

Gusting winds that change in direction - these are days to avoid if you don't want a Model Fatality!!

Crashing when the model gets too close to the ground is common as the lift can be cut off when a gust of wind either hits the wing from a cross direction- eliminating lift and causing a drop like a rock stall. It can also flip the plane over or cause it to start hopping down the runway.

The effect of the wind hitting the ground causes a Vortex. That's why the plane seems to fly better higher up on windy days but in reality the wind speed only increases as it gets higher. There's nothing to reflect the wind higher up!

This effect can change with different types of planes – 3D, Sport planes and Jets are more manageable in crossing winds but Warbirds aren't.

Cross-wind Landing - Most R/C Pilots know that they should take off into the wind and land into the wind but if the wind is not the same direction as the landing strip then what. That doesn't mean you can't start your takeoff on the runway and turn into the wind to climb. Likewise you can make a landing approach coming into the wind then use your rudder to turn into the landing strip. The Rudder will help turn the plane without stalling it, unlike the ailerons that can reduce lift because there on the wing. Also landing with higher winds you'll need a little more power than idle speed.

When the winds are coming in at a South East direction I like to land coming from the direction of the MRF site and turn in to the runway. Try it with a small plane first or you'll make the people in the pits nervous!

Flight Simulators - Wind settings are available on flight simulators to help you get use to flying in high winds. We all use them to practice tricks but they can also be used for high wind training.

Try the 40 mph wind setting and see if you can fly!!

Beginner Pilots and Maiden Flights – Beginner Pilots and Pilots with a New airplane to maiden should wait for calmer weather to fly. The added management of higher winds along with learning to fly or testing out and trimming a new plane could make a difference in how well the plane survives.

Helicopters - Heli's are great in high winds. But older ones that only use one gyro for the rudder and a standard fly bar head can still be tricky to fly in high winds. Newer Helicopters have Flybarless (FBL) units to control the rotor head added to the rudder gyro compensation.

The Fly-Bar less unit has three gyro's in-one for Aileron and Elevator and Rudder. Now the rudder can compensate for winds that hit the tail of the helicopter along with the fly-bar head and Rotor Blades. Just Fly - what wind!! Also the wind won't knock a Helicopter off the table!!

High wind effect on 3D Electric Helicopters and Planes- Reduce your flight time, the batteries will drain faster. You can crash flying too close to the ground and needing power to pull the model up into the air while doing some 3D acrobatics.

The battery won't have the juice left to pull it out and it will stall and crash. Do your stunts at the start of your flight and not at the end of your flight.

Landing a Plane coming in the same direction as the wind – This can be by accident (not aware of wind direction) or because of the position of the plane in a dead stick or emergency landing.

The plane will have the push of the wind so you will need to try to get a lot further down wind to turn before the approach. In a dead stick this can be tricky as you'll be against the wind before turning into the runway with no engine power, and you can stall while turning so keep the nose of the plane down (slight down elevator) to gain speed.

Note the elevation of the Airplane if it is a dead stick. If your low to the ground 0-40 feet don't turn, unless your going to hit something and have to ditch the plane. Go straight and take your chance.

When turning with the rudder into the runway you'll have to get as low as possible to the runway then add some up elevator to slow the plane before touching down. Flaps or Brakes will help if you have them.

When you land the plane it might not want to stop rolling. A little Zigzagging might reduce the speed.

Trying to land a 50cc Warbird and coming in with the wind pushing behind the plane I touched down at the start of the runway and ended up hitting a useless metal center post marker on the other side of the field.

It looked like a perfect landing for a while. The plane rolled double the length of the runway. That was some pushy wind!!

Flaps – landing with flaps can help if there's very little wind. They reduce lift to slow the plane, so you can increase the engine power slightly on landings while on an approach. This will help stabilize the plane. The plane has to be flying slow - ¼ of full speed before the flaps can be applied on an approach.

Flaps are not needed in landing against higher wind speeds (unless your flying a Jet) but you will still need to increase power when landing against high winds to prevent stalling.

Have Fun!!

Andrew Wilkins - Funny Parody he read at the Christmas Party;

Definition – Sods – Obnoxious Club Members

AMOS Xmas Day at the Clubhouse – Parody

It was Christmas Day at the Clubhouse - (AMOS Container)
The one glad day of the year.
The Modelers were gay and merry,
A fillin” their guts with beer.

In came the Clubhouse Master - (David Long)
And through those stately halls,
He wished them a Merry Xmas
And the modelers answered “Balls”

Up spake the Clubhouse Master - (David Long)
“Balls”?, I find myself at odds!
“By God you shan’t have pudding,
You saucy lot of sods”!

And all the modeler’s loudly spoke
In tongues as bold as brass,
“You keep your Xmas Pudding, Master
And shove it up your fade away to
nothing!!!!

Apologies to George Simms.