



AMOS August 2014 Newsletter

Meetings in Late June and July :

Board Meeting June 30, 2014 6:00PM

Meeting was called to order by Tracy Trammell at 6:03 PM
Visitors or Guest -Gary Mathews, Mike Haston, Rich Nowatzki and Randy Sizemore

Board Reports:

President Steve Snider: Thanked Jim Irey for his report on Rockets

Vice President : Tracy Trammell: 1. To send out e-mail of pictures of possible tables for field use.

Tracy asked about left over money on covers. Discussed replacing cover ties but decided to wait until necessary.

Secretary : Marvin Bennett: Minutes were submitted and OK'D

Treasurer

• Gloria Irey: Passed out Treasurer Report and Cash Flow. We made money from the Auction and Warbird Event. Now have \$5993.34 balance. She recommended paying off \$2066.67 for loan and interest. John Sorenson made the motion to approve the loan payment as recommended and 2nd by Doug Kellar. Motion carried, \$2000 loan plus interest to be paid off. Gloria's reports approved as written.

Membership

• Jim Irey: We now have 188 members.

Safety/Training

• John Sorensen: Training going well. Using a wireless buddy box and working good. He needs someone to log in students next Wednesday as he will be gone.

Committee Chairman Jim Hill: Promoting the IMAA event. Questioned use of a raffle at the event. Steve to get back to him about that ongoing issue.

Field Marshall Dean Crump: 1. Has some lumber to donate to the club, Jim Irey to work with Dean on it's use.

2. Runway has a hole that needs repair and will be looked at.

Past President Doug Keller Nothing to report

Unfinished Business

War Bird event sponsored by Mike Haston went well. The shade cover for spectators was greatly appreciated. Profit of \$280 and had 19 pilots. Looking forward to next year. Left over shirts and wrist bands turned back to the club.

Placer County Taxes still in limbo. Gloria would like to see us contact the county as a bill will need to be paid in August.

AMOS GENERAL MEETING—JULY8, 2014

CALL TO ORDER – 7:02 PM - Tracy Trammell

New Members and Visitors. New Member Bill Frias. Visitors-Sandra Newsome and Trace Verneul.

Board Reports:

President-Steve Snider 1. Has his house up for sale and will move to the South Bay Area. Expects to continue as President through his years term. 2. Passed out a list of AMOS Events and Meetings for 2014 starting in April. Consider this a part of the minutes.

Vice President-Tracy Trammell 1. Event Status all still on schedule. 2. Has pictures of other clubs tables. Dean Crump donating wood for refurbishing our tables. Jim Irey to pick up wood and get a work party together to build new tables. 3. Fund raiser idea for next year could be entering the lottery for fireworks stand. Since we are a charitable organization we could participate. We will need to start the process in November. Possible to make as much as \$15,000 in 5 days of work.

Secretary-Marvin Bennett- Minutes of Board Meeting sent out in Microsoft format. Still having trouble sending in PDF format. Steve said he would convert future minutes to PDF before he sends to membership. Previous minutes approved.

Treasurer- Gloria Irey Board approved payment of \$2,000 loan plus interest. Check has been sent out. Treasurers report Approved.

Membership-Jim Irey – Now have 189 members.

Safety Officer- John Sorenson-Looking for someone to be sign in person on training night, Wednesday afternoons.

Committee Chairman –Jim Hill-IMAA Event. No cash prizes but will have a raffle and made a request for donations for raffle prizes. Going to charge \$15 for pilot fee as event to be only one day. Also Jim explained plane requirements for the event, Sizes,etc. see Jim if wanting to fly in the event.

Field Marshal- Dean Crump absent. But possibly more spraying required especially for Thistles.

Past President- Doug Keller-Nothing to report.

Event Reports and updates

Mike Haston- Warbird Event Report. Made by Randy Sizemore- Event very successful.

Basil Yousif-Electric Fun Fly- Randy Allen and Gary Meyers made a flyer for the event and will be sent out in August.

Unfinished Business

A) **Placer County Taxes** - Jody to call Board of Equalization weekly to try to get resolved for exemption.) **Lease Renewal**. Nothing new and won't hear from them until next year. Did talk to the County about the surveyors on the property but no reason given for them being there. John doesn't think it is a problem though.

4) New Business

Rocket Flying at the Field.

Discussed by Jim Irey. He had reviewed the issue in detail and the Board had voted to recommend Banning the use of Rockets at this time and sent the topic to General Membership for resolution. This was a very "HOT TOPIC" with many members having thoughts and input.

Those were: Jim Irey, John Hainlen, John Kinney, Rich Nowatzki, and John Sorenson. Also input from guest Trace Vernuel. After much back and forth pro and con discussion, a motion was made by President Steve Snider and 2nd by Secretary Marv Bennett to ban Rockets at this time because of the dry season, but revisit the issue in November to determine if rockets will be allowed after the fire danger is past. The motion passed.

Steve reminded everyone of the e-mail from the AMA about proposed rule changes from the FAA and requested that all members review the e-mail and support the AMA in its efforts. Meeting adjourned by Tracy Trammell at 8:20 PM

AMOS 2014 Field Events:

Helicopter Event - To be held in the mid August, a Helicopter Flying Group from A-Main Hobbies in Chico will visit the field and put on a show. We are going to put on Heli Fun Fly that same day. Bring your Heli and tap the pros for info. Hosts - Steve Snider and Basil Yousif. This event is tentative.

Electric Event - Will be held on Saturday August 30th. - Hosts Basil Yousif, John Heinlen, Randy Allen and Scott Meyer.

Presidents Fun Fly - To be held on Saturday September 13th, bring anything R/C that flies- No charge-other clubs welcome. Hosts Tracy Trammill and Steve Snider.

Thunder Valley Rally of the Giants: is to be held on October 25th. It will be hosted by Jim Hill. Mike Haston and Randy Sizemore will also help run the event.

Field Trash Reminder- No trash can's at the field anymore so take your trash with you. Event coordinators are responsible for dumping the garbage generated from there event.

Tips and Tricks :

Adjustment of Model 4 stroke engine valves - Common Mistake:

Knowing how to adjust the valves in a four stroke engine is important to keep the engine running right. To adjust the valves you turn the prop shaft and wait for the two rocker arms to come up at the same time then adjust the small gap between the rocker arm and the top of the valve with a feeler gage. This creates a small amount of play close to TDC so both valves are fully closed when the fuel is ignited.

A common mistake is to be at the 180 degree side of the cycle with the piston all the way down - the rocker arms will still both come up as the prop shaft is turned.

Fix - Take the plug out and insert a small rod or pencil to make sure the piston is around Top Dead Center when the rocker arms are both up. Adjust the gap.

Tip Update:

In the January Newsletter the tip for the type of tubing coming from the muffler of a gasoline engine (using back pressure to the tank to move fuel into the engine) was to use the Black Neoprene Gasoline tubing and not Tygon.

Tygon will melt as the temperature of a running gasoline engine is much higher than a glow fuel engine. Well the Black Neoprene melted also.

The fix was to use the regular Glow Fuel Silicone tubing. The exhaust has no gasoline only exhaust pressure and the Silicone tubing can take much higher temperatures than Tygon or Neoprene.

Tygon and Neoprene tubing were designed to use with the Walbro carburetor that creates it's own suction and needs no back-pressure to move fuel.

This Article is from Bob Calvert

Prop Saver 'O'-Ring Tool.

This one is made from 1/4" O.D. hard plastic tubing, Cut one end at about 45 degree angle. You can use the plastic tube from a pen and cut it to size. The tip can also be used to pry off the 'O'-ring.....but the ground usually does that for you!!!



**** DISPOSAL OF LIPO BATTERIES ****

Unlike NiCad batteries, lithium-polymer batteries are environmentally friendly. For safety reasons, it's best that LiPo cells be fully discharged before disposal (however, if physically damaged it is NOT recommended to discharge LiPo cells before disposal - see below for details).

The batteries must also be cool before proceeding with disposal instructions. To dispose of LiPo cells and packs:

1. If any LiPo cell in the pack has been physically damaged, resulting in a swollen cell or a split or tear in a cell's foil covering, do NOT discharge the battery. Jump to step 5.

2. Place the LiPo battery in a fireproof container or bucket of sand.

3. Connect the battery to a LiPo discharger. Set the discharge cutoff voltage to the lowest possible value. Set the discharge current to a C/10 value, with "C" being the capacity rating of the pack. For example, the "1C" rating for a 1200mAh battery is 1.2A, and that battery's C/10 current value is (1.2A / 10) can be used, such as a power resistor or set of light bulbs as long as the discharge current doesn't exceed the C/10 value and cause an overheating condition.

For LiPo packs rated at 7.4V and 11.1V, connect a 150 ohm resistor with a power rating of 2 watts (commonly found at Radio Shack) to the pack's positive and negative terminals to safely discharge connecting it to an ESC/ motor system and allowing the motor to run indefinitely until no power remains to further cause the system to function.

4. Discharge the battery until its voltage reaches 1.0V per cell or lower. For resistive load type discharges, discharge the battery for up to 24 hours.

5. Submerge the battery into bucket or tub of salt water. This container should have a lid, but it should not need to be air-tight. Prepare a plastic container (do not use metal) of cold water. And mix in 1/2 cup of salt per gallon of water. Drop the battery into the salt water. Allow the battery to remain in the tub of salt water for at least 2 weeks.

6. Remove the LiPo battery from the salt water, wrap it in newspaper or paper towels and place it in the normal trash. They are landfill safe.

Product Review Update - NGH 38cc Four-Stroke Gasoline Engine

I have been working with this engine for a few months now on the stand. When I did the product review in the January Newsletter I got sold on the engine. It did give me a lot of trouble trying to get it to run right and I nearly junked it.

The valves had to be adjusted many times until it broke-in and it had too much Vibration to mount in a plane. The intake manifold even busted because of the vibration.

After running it for 5 hours on the stand it's smoother and hopefully ready to go into the plane. This engine goes into a 26cc - 30cc plane or a 1.20 - 1.40 size.

It has a beam mount and optional standoff mounts and uses the CM6 Spark plug. It comes with only a straight pipe - no standard muffler but isn't too loud with the straight pipe.

It's heavy at 3 1/2 lbs but most Warbirds need more nose weight anyway and a standard 26cc-30cc 2-stroke engine at around 2 1/2 Lbs might be too lightweight.

Here's a video of my engine running that I put on Youtube:

<http://www.youtube.com/watch?v=88JDgtFkuUo>

Event News:

Club Appreciation Day 7-12-14

The event went very well and was a good fun day of flying for many members from the AMOS and other local R/C Clubs. The weather was hot but the breeze made it tolerable. The wind was blowing in a northern direction right down the runway to make for some good flying. There were some nice large scale planes flown at the event. The BBQ and drink sales made around \$100.



Jokes:

Shut Up!!

A police officer pulls over a speeding car.
The officer says, " I clocked you at 80 miles per hour, sir ."
The driver says, "Gee, officer, I had it on cruise control at 60; perhaps your radar gun needs calibrating. "
Not looking up from her knitting the wife says: "Now don't be silly, dear -- you know that this car doesn't have cruise control."
As the officer writes out the ticket, the driver looks over at his wife and growls, "Can't you please keep your mouth shut for once !! ?"
The wife smiles demurely and says, "Well dear you should be thankful your radar detector went off when it did or your speed would have been higher."
As the officer makes out the second ticket for the illegal radar detector unit, the man glowers at his wife and says through clenched teeth, "Woman, can't you keep your mouth shut?"
The officer frowns and says, "And I notice that you're not wearing your seat belt, sir. That's an automatic \$75 fine."
The driver says, "Yeah, well, you see, officer, I had it on, but I took it off when you pulled me over so that I could get my license out of my back pocket."
The wife says, "Now, dear, you know very well that you didn't have your seat belt on. You never wear your seat belt when you're driving."
And as the police officer is writing out the third ticket, the driver turns to his wife and barks, "WHY DON'T YOU PLEASE SHUT UP???"
The officer looks over at the woman and asks, "Does your husband always talk to you this way, Ma'am?"
"Only when he's been drinking, officer."

The Mailman

Two boys were talking and the one said to the other, "There is a easy way to get what you want."

The other boy said, "How?" the boy replied, "Tell people you know their secret."
The boy jumps up and runs to his dad, "I know your secret!" The dad replies, "Please don't tell your mom heres \$10."

The boy then runs to his mom, "I know your secret!" The mom said, "Please don't tell your dad here's \$15."

The boy then decides to try it on the mail man, "I know your secret!" The mail man opened his arms and said, "Come, give your dad a hug!"

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