



AMOS August 2022 Newsletter

AMOS Executive Membership Meeting
Tuesday 8/2/2022, 7pm
Location: Zoom Call

New Business:

Motion was made to accept the minutes from the General Membership meeting on 06/18/2022. The motion was made, voted on, and accepted.

No minutes were submitted to the general membership for the board meetings of June and July 2022 and the general membership meeting of July 2022 due to the cancellation of said meetings, which timing conflicted with the demands and preparations of the major events in both months.

Jody suggested the possibilities of moving AMOS funds to Community First Bank with a treasury direct account and/or into a "T Bill". This will earn AMOS some interest on our funds while still allowing access to the funds. Jody also shared that the check for use of Camp Fire West for the Float fly has not cleared the bank. He also updated the proceeds for the Float Fly as \$569.

A motion to allow Jody to invest AMOS funds for improved returns/accessibility at his discretion.

Motion was voted on and accepted.

Updates:

Dave has purchased another 3500-watt generator. There will be access to the evap coolers as needed. Non-potable, but very clean, recycled water is now accessible to AMOS at the southeast corner of Fiddymont and Athens. This access can fill our mobile water rig with 525 gallons in just a few minutes. Dave suggested payment of \$100 per year to the City of Lincoln for unlimited access to this water supply. A motion was made to accept such payment and was therefore voted on and accepted.

Suggestions/Requests/Discussions:

John Sorensen stated that, if the float fly event continues to take place, he will need someone to take over the helm and additional volunteers.

Dave stated his need for additional assistance for our future major events, which have grown exponentially in size. He will be seeking someone to lead a few of our major events and more volunteers.

Keith suggested combining the Warbird and Giant Scale into one event, therefore becoming more inclusive to members and guests, and less demanding for dates, setup, etc..

Carlos suggested adding an AMOS membership classified section to our website.

A suggestion was made to allow members to free fly on the Thursday of our major events, as long as using common sense and allowing the contestants to practice their routines, touch and go's, hovering, etc., with common courtesy, including night flying after dusk.

Dave stated the consideration of moving some of the major events toward September, therefore avoiding some of the extreme heat which we experienced this past season. Dave also suggested running some major events in consecutive weeks, back to back. This would reduce the setup and tear down expenses and labor for said events.

Michael brought up a question he had been asked by some members as to what reason the minutes were sent out, in part, again with the Newsletter. This seemed redundant and unnecessary.

Jody informed Michael that it was in the AMOS Constitution; that the minutes shall be included in the newsletter, and that this had been in place preceding the advent of personal computers and emails, and it would require an amendment to the constitution to cease doing so.

Michael stated that he did not think an amendment would be beneficial to AMOS, But stated that, since it is stated in the constitution to include the minutes, they be sent out in whole; as minutes, as initially sent out, top to bottom, including the header and "submitted by" statement at the end.

This should answer any questions of why some are reading the same content again, as well as being able to catch up in case they failed to receive or read the minutes.

Dave and Jody are working on processing different methods that were used for donations varying between PayPal, charge cards, and cash.

Dave has been flooded with rc plane donations too numerous to sell at our monthly swap meets. More information regarding this is to come. Dave has also placed a very nice/large AMOS sign at the corner of Sunset and N. Foothills.

Dave stated the battery disposal at the AMOS field has become problematic and is working with Tom on a solution.

Dave is also working with contractors and city officials for a bid to install a water supply outlet close to the entrance of the AMOS field.

Please remember to take everything you bring to the field home with you. This includes trash, dead batteries, broken models, cigarette butts, your dirty socks, etc.

The following are excerpts from Dave Longs' meeting agenda.

All subjects were discussed at the meeting in varying detail.

Updates:

Event and Marketing Updates:

Float Fly- Successful Event which generated a small amount of revenue Warbirds- Successful Event- 26 Pilots and 150 Spectators which generated \$11,000 for Healing Hero's

HeliFest- Successful Event- 31 Pilots and 150 Spectators which generated \$6,400 for Gi Gi's Playhouse

3D Throwdown- Successful Event- 32 pilots and 200 Spectators which generated \$6,100 for the Placer Breast Cancer Foundation

Keith is coordinating the "Everything Electric" fun fly event August 12-14. Flyers are posted, event is posted on FB, volunteers are secured.

Jet Rally is being organized, coordinated and promoted. First and Second Row shade is sold out. Expect 60 pilots and 500 plus Spectators.

AMOS Membership, 2022 Event Brochures and all current Event Flyers are in the Freq Box

Web Site has been rebuilt on a more common platform which will make it easier for myself and Andrew to promote AMOS as well as control his membership and renewal procedures. The web site looks WAY better and very professional.

Additional Feather Flags and signs posted for events (including "drive by" signs)

Field Improvements Updates:

6 more round tables have been installed and painted

Field has been sprayed, cut and cleaned up for all events through September

Tom has cut a path to our new water source.

Getting bid for water tap in front of our property.

Water tap at Southeast corner is installed and working

Time is Running Out to Renew Before Increase

The AMA Executive Council unanimously voted to increase the price of AMA memberships, effective September 1, 2022. Since the 2015 dues increase, inflation has risen 23.32%. Adult memberships will now be \$85 and Senior memberships will be \$75. Consider renewing before the rates increase, even if you are not yet up for renewal. Renew now at (765) 287-1256, ext. 129.

**AMOS General Membership Meeting -
Tuesday 8/13/2022, 9 am
Location: AMOS Flying Field**

New Business;

Motions:

A motion was made to allow Jody to move AMOS funds in the amount of \$37,800.00 to the Community First Bank. This will benefit AMOS with interest and still have access to the funds while maintaining \$10,000 cash on hand.

It was decided that no motion was necessary for Jody to proceed with moving the accounts as discussed.

A motion was made, voted on, and accepted to pay \$100.00 per year for the water supply.

Updates:

John Sorenson is requesting assistance for organizing and heading future Float Fly events.

Dave will be asking for some members to head up two of our four major events, which have grown exponentially in size and tasks involving organizing, setup, tear down, etc...

Dave stated that the influx of airplane donations is requiring more/larger swap meets over the next several weeks. The quality of the donated planes is quite nice and they will be priced to sell.

Mike Rutledge suggested and was agreed with by several members, that some of the lesser valued planes from the donations may be given to some of the newer, younger trainees. This would accommodate those with fewer funds on hand and would aid in motivating them in their training.

A suggestion by Vincent was made to check the possibility of contacting the "Flight Test" people to host an event at our field. This is a YouTube group that has a huge, younger following and has events where they have workshops to build cardboard plane kits and fly them on the same day.

Keith expressed appreciation for the assistance he received at the recent Electric Fly event. Twenty-five pilots were present and all had a great time.

Jody suggested reimbursing Dave \$1,500.00 for his substantial (to say the least) investments in our events. (Please see Jodys' report attachment)

Carlos reminded the jet pilots to stay vigilant on safety, now that the cooler weather will bring more turbine flights.

Tom reminded members that "Dead Stick" calls have a total priority on the runway until they are safely landed. There have been some 35 training flights recently, thanks to the dedication of Randy Allen and Bob Deathrage.

Randy Allen expressed that our members should be accommodating and friendly to visitors at our field. Answer their inquiries with a kind demeanor, for many of them, will want to become members if they are treated with common courtesy.

Event and Marketing updates:

Float fly generated \$569

Warbird event: 26 pilots, 150 spectators, generated \$11,000 for Healing Hero

Helifest event: 31 pilots, 150 spectators, generated \$6,400 for GiGis' Playhouse

3D Throwdown event: 32 pilots, 200 spectators, generated \$6,100 for Placer Breast Cancer

Jet Rally: being promoted, shade sold out, 60 pilots, 500 spectators expected

AMOS brochures and event fliers in freq. box

Website being rebuilt, much improved, more information, very pro look

Dave has placed large, classy AMOS signs at Sunset and N Foothills

Tom has agreed to handle increasing battery disposal at AMOS field

Field improvements:

6 more round tables installed/painted overhead support pylons

Field has been sprayed, cut, and cleaned up for events thru September

Bid in process for water tap at the entrance to AMOS field

Water tap at South East corner of AMOS field installed and working

Upcoming Events:

Thunder In The Valley Jet Rally September 8th - 10th Dave Long Hosting



Why Attend Thunder in the Valley Jet Rally? A Benefit for Wounded Warriors

Over 35 Good Reasons

- This will be the premier RC Jet event in the CA! don't be sorry you missed it. Last year was a sell-out! It will be an EASY!
- We expect 60 pilots and over 250 pilots from the Central Valley, Bay Area, Nevada and SoCal!
- We have a 2 1/2 hour runway with 100 plus ground support.
- We have over 100 acres of emergency landing areas and over 120 acres of fly over space.
- There are 700 high quality aircraft on display and plenty of crowd participation for the People's Choice award.
- On Saturday an open reception will honor the People's Choice Award to be held at 9 AM.
- After the People's Choice Award we will have a contest 30 show, full exhibition and extreme jets (for spectators benefit)
- We feature RC jets on all levels - from large turbine powered monomers to small foam EDF's.
- We will have professional announcer and AMO sound crews that cover the entire pilot and spectator areas.
- We are providing through social media, email and text "P" addresses as there will be FOMO of operations.
- We offer 10:30 AM "Hot line" and 12:30 "Lunch" time. Shows have refresh. Please see the AMOS web site for details (AMOSRC.com)
- We have plenty of ICE (up space available close to the pits, "Hot corner" area). Please see the AMOS web site for details.
- Only 90 minutes (we understand lots of space for the overnight parking - starting September 8th).
- Three Professional Photographers will be on site for "static and action photos". We will have our AMO 8"x12" photos of our best shots.
- We will offer a "Challenge Service" in which whatever you need off the display the event. And make a request at the Registration Desk.
- Greater things will be made with high quality RC Apparel (shirts, hats, hoodies) and on customer gear generators during the event.
- We are preparing for warm weather with over 1,000 sq. ft. of shade (large tent, 12 large Day Coolers - one in each section).
- We will offer additional shade in second and third row. Each row is one additional 1,000 sq. ft.
- Electrical outlets every 20' in the pits. No need for generators in the pits.
- We will have an air conditioned Reception tent open 7:00 AM.
- We will offer on-site \$2.00 per gallon.

we will have high quality "senior" professionally prepared lunch (PI, Set) and dinner (Thursday and Friday)

- we will have a Catered Dinner (Dinner only with no dessert presentation and a table for us on Saturday night).
- we have a renowned food concession stand (The Concession where you will find that is a "hit above")
- we will provide FREE coffee and complimentary drinks (Friday and Saturday nights)
- we will have a prepared Cream Pie and Beverage Stand (with lots of coffee and sugar)
- On Thursday night at 1:00 we will offer FREE great street food and Mexican beer for all attendees.
- We offer free beer and wine at the end of your flying day. You will find this in the display area.

The entire jet area is a 400' length with "track" (Kite, 200'), great place to sit and watch the night flies.

We offer for Cadet level over the 100 pilots, 247 in the pits.

We will provide "paid" jet" to each sponsor with their name and logo prominently displayed on the "Back of Jetliner"

- we will have high quality chairs, food service and all the staff in the field.
- If you would like to have a "table" (table for sale) you can get one at THE BIG Model Show that night.
- There are several high quality and expensive hotels within 10 miles of the field.
- This event is an opportunity to give back and help support the community.
- Throughout the event we will be for businesses. There is a "partner" table at over \$20,000 per year.
- Sweetness FREE
- Parking FREE
- RV Overnight Parking FREE

Registration: Visit AMOSRC.com to Register Online or to print the Registration Form
Visit the Facebook event page at AMOSRC
Visit our web site at WWW.AMOSRC.COM

Associated Members of Sacramento State Council Flight Club

AMOSRC.COM

PLEASE REGISTER EARLY: THIS WILL BE A SELL-OUT EVENT

Registration Fees: No accept PayPal and All Major Credit Cards

PayPal
VISA

Pre-Register:

- \$60 Entry Fee, Thru Sun Dinner* Ticket
- \$80 for Entry/Top* Ticket, 2 Lunches
- \$90 for Entry/Top* Ticket, 2 Lunches, Friday Dinner
- \$30 for Saturday Banquet Dinner

Register Day of Event

- \$100 Entry Fee, Thru Sun Dinner*
- \$120 for Entry/Top* Ticket, 2 Lunches
- \$130 for Entry/Top* Ticket, 2 Lunches, and Friday Dinner
- \$30 for Saturday Banquet Dinner

SHADE

- 1,000 Street Row Shade 10'x20'
- Max 2 sections per person
- Includes Camp Cooler and Electricity
- \$150 Second Row Shade 10'x20'
- No limit per person
- Includes Electricity

JET RALLY THUNDER VALLEY

AMOS Field located at 4015 E. Catherin Rd Lincoln, CA at the corner of E. Catherin Rd & Highway 99, just west of the off of Thunder Valley Center

QUESTIONS?
Contact:
Dave Long
916-981-7714

Profile Event - October 29th - Randy Allen - Host

AMOS Event News



Everything Electric Fun Fly August 12th - 14th - Keith Fick Hosting

This was one of the best Electric events to date. In previous years the Electric events had a low turnout as they had no advertising budget like this event did.

All the Electric Model flying experts were out at the field. There were no gas or nitro engines to make a lot of noise. The “Sound of Silence” song was playing on the PA!!

The general meeting was held at 9 am and a Swap Meet was going on also. The option was Fly, Meet or Swap!!

No one did all three at the same time!!



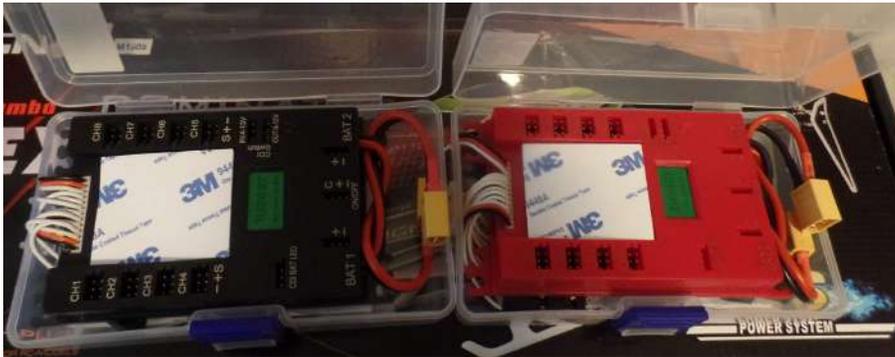
AMOSRC Membership Report
September 5, 2022

Current Membership for September 5, 2022 (including Honorary Members). - 247
Members that have renewed for 2023. (Grant Henderson) - 1
All those Current Members that have elapsed AMA will be contacted by email. - 1

Respectfully submitted by: Andrew C. Wilkins - Membership Chairman

AMOS RC CLUB					
TREASURER'S REPORT					
JULY, 2022					
	Current Month	Same Month Last Year	Year To Date	Last Year To Date	Budget (Full Year)
INCOME					
Donations	3,643		3,643	287	385
Event Revenue	7,031	920	11,938	4,775	3,500
Field Improvement Fees	300	375	5,625	3,525	5,000
Interest Earned			2	1	3
Late Fees		20		160	170
Membership Dues	509	430	13,245	12,020	23,000
Other		60	26	85	94
Total Income	11,483	1,805	34,639	20,853	32,152
EXPENSE					
AMA Charter (Including Insurance Certificate)			120	120	120
Charitable Contributions			-	100	200
County Taxes			-	-	256
Equipment Purchase			-	217	300
Event Costs	370	28	1,512	2,361	3,500
Field Improvements			2,500	2,413	5,000
Field Lease	648	623	3,888	4,364	7,880
Field Maintenance			-	239	3,000
Filing Fees			181	25	50
Miscellaneous			21	1	1,000
Other	1		5	62	100
PayPal Fees	110	6	755	6	1,000
Porta-Potty	150	142	1,031	1,015	1,704
Postage			18	110	200
Recognition Awards			-	143	400
Supplies			-	-	430
Training Costs			-	-	200
Website Maintenance			965	330	660
Total Expense	1,279	800	10,996	11,507	26,000
CASH RECONCILIATION					
Beginning Cash Checking	7,434	3,377	7,104	23,312	7,104
Beginning Cash PayPal	4,486	1,275	923		923
Beginning Cash Undeposited	-	-	457		457
Beginning Cash Savings	52,005	37,001	42,003	10,000	42,003
Total Beginning Cash	63,925	41,652	50,486	33,312	50,487
Cash received	11,483	1,805	34,639	20,853	32,152
Cash Disbursed	(1,279)	(800)	(10,996)	(11,507)	(26,000)
Net Cash In (Out)	10,204	1,005	23,643	9,346	6,152
Ending Cash Checking	17,558	2,692	17,558	2,692	
Ending Cash Paypal	4,265	2,370	4,265	2,370	
Ending Cash Undeposited	300	595	300	595	
Ending Cash Savings	52,005	37,001	52,005	37,001	
Total Cash	74,128	42,658	74,128	42,658	56,639
Operating Cash	36,329	29,858	36,329	29,858	18,839
Reserves Set Aside	37,800	12,800	37,800	12,800	37,800
Total Cash	74,129	42,658	74,129	42,658	56,639

Power Boxes - Do you really need one and what do they do ?



Black full function 4.6 ounces
Airplane size - 100cc or larger

Red Basic Function Box
3.3 ounces
Airplane size 50cc - 80cc

Many R/C Airplane pilots that are getting into Giant scale planes start looking at the accessories they need to complete there monster planes and question weather they need a Power Box. These boxes are a Power Distribution/Regulation/Switching Component that manages the Receiver, Servos, Ignition and Two Batteries in a tidy All-In-One box.

The most important advantage of these power boxes is that they take the high current loads from power hungry servos off the Receiver Buss. The Standard Receiver Buss can handle 5-10 amps. A High Voltage Receiver can go up to 20 amps which is not bad but these Boxes can handle up to 30 amps or more if you go with a higher quality brand for that 250cc Giant Scale RC Plane!
Giant 3D Planes with there large control surfaces can draw a good amount of amps while doing tricks.

All Models of Power boxes send a regulated 5 volts to operate the receiver. The receiver then sends the channel control signals it receives from the transmitter out to the Power Box. The Power Boxes Buss manages two batteries connected to it and powers up the signals and sends them out to operate the servos. Your high amp draw servos for Aileron, Elevator and Rudder are plugged into the box.

The other advantage of these boxes is that they manage two batteries for redundancy. If one battery goes bad the other will supply current so you don't loose power. Plugging in two large batteries into a standard receiver is not a good idea unless it's a High Voltage Receiver. The Black box is \$80 so why pay an extra \$100 for a High Voltage Receiver and you will still need voltage regulators and an ignition kill switch.

The more features these boxes have the more money they cost and the heavier the they get. The Black unit for Large 100cc models manages the dual battery power consumption equally along with adjustable voltage regulators and weighs 4.6 ounces.

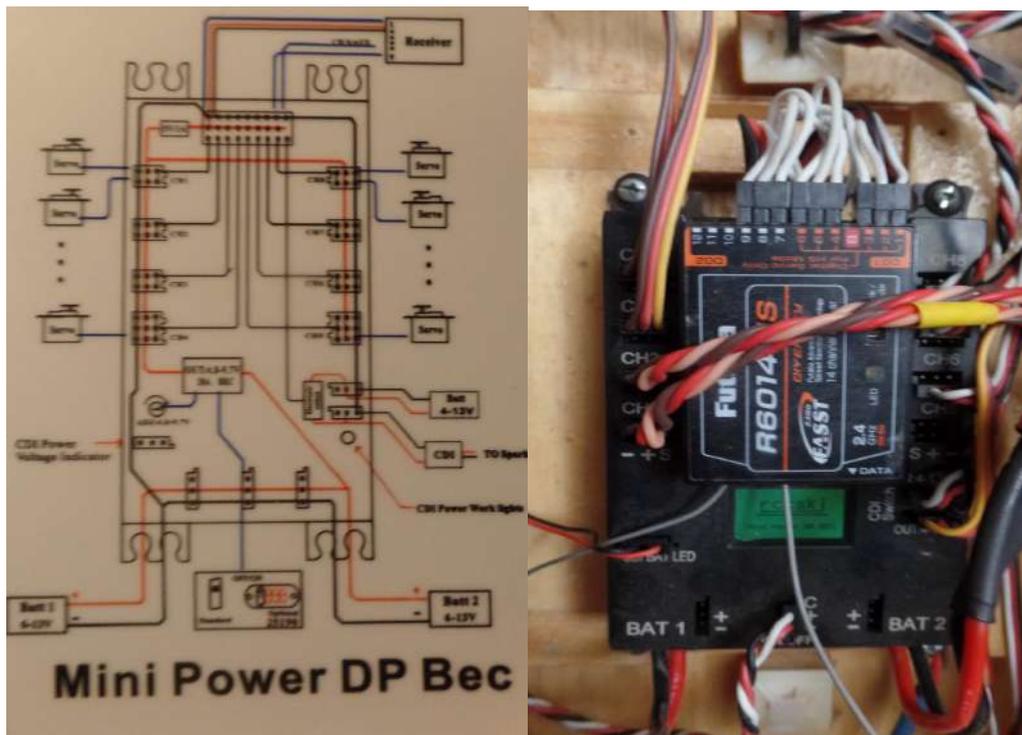
The Red Box doesn't have the battery regulation or management, it's good with two LIFE batteries, but has a 5 volt regulated supply to the receiver and has Ignition Switching. There is also a Yellow box that has the adjustable battery Regulators but no battery management. Adjustable battery regulation is a good feature if you have high voltage servos. The Yellow box stands in the middle of the two.

These Boxes also have a separate ignition buss that allows you to use the main batteries for powering the ignition by use of a jumper or instead of jumping power to the ignition circuit, you can plug in an extra separate ignition battery. The Electronic Ignition OFF/ON runs through a receiver channel into the Box and is controlled by a switch on your transmitter that you set up as the kill switch.

There are many brands of these Power Distribution/Regulation Boxes available at R/C outfits. Some High End brands like Smart Fly are very pricey but great quality. I like these economy units available at Hobby King and Mile High R/C. The black is \$80 Yellow \$66 and the Red is \$50. I have been using the Black unit for years.

There is an included on/off Switch. Should the switch fail and go open the unit will stay on. It works with an open switch contact turning the system on, so it's a good idea to unplug the batteries after flying.

There is also an external mountable LED that turns on when you apply the ignition switch on your transmitter.



Schematic of the Black Unit

Black unit Hooked Up
Receiver is mounted on top

Black Power Box

The Black unit has 8 Channel outputs with the ability to power two servos on each channel, however the servos have to be matched to operate off the same channel. Otherwise a device such as a Matchbox which is a multiple servo synchronizer Unit has to be used for 2-4 servos working on the same control surface of an Aileron, Elevator or Rudder.

My Opinion - While you may get away with not having to use one of these Boxes on a Giant Warbird (lower amp consumption and tight fuselage space), they are a must for Giant 3D planes. You will end up using some combination of Regulators and Ignition switches anyway why not have them in one Box - Neat!! Your plane will fly much smoother and will be more reliable. They weigh from 3.3 to 4.6 ounces but do a lot for what they weigh.

Jokes:

The Bridge;

A priest and pastor from the local parishes are standing by the side of the road holding up a sign that reads, "The End is Near! Turn yourself around now before it's too late!" They planned to hold up the sign to each passing car. "Leave us alone you religious nuts!" yelled the first driver as he sped by. From around the curve they heard screeching tires and a big splash.

"Do you think," said one clergy to the other, "we should just put up a sign that says 'Bridge Out' instead?"

Sue me!!

Noticing a mistake in St. Peter's roster, God calls Satan; "It seems you accidentally received some of my professionals down there: a teacher, a doctor and a farmer."

"Yeah," Satan replies. "All the more for me!" God replies, "You better send them up here immediately." Satan says, "No way. I'm keeping them." God says, "Send them up here, or I'll sue the horns right off you.

"Satan laughs uproariously, "Yeah, right. And just where are YOU going to get a lawyer?"

The Frog:

A frog goes to a fortune teller and asks if he is going meet a young girl. The psychic tells him, "Yes, you are." The frog replies,

***"Where? In a bar or at a party?" The psychic says, No -
"In biology class."***

AMOS Newsletter prepared by: Basil Yousif, Send Newsletter feedback and topic info to basilyousif4405@gmail.com USE - AMOS Newsletter as the Subject for the E-mail