



## *AMOS January 2020 Newsletter*

### *AMOS Board Meeting 1/7/2020 @ 7:00PM – recap*

**President Doug Reid presided**

**Introductory Remarks:** The president Welcomed the new Board Members. The Freeze Fly and the Christmas Dinner went very well.

**Minutes of Previous Meeting:** On **Motion** made and seconded the minutes of the previous board meeting were **approved**.

#### **New Business**

**Bank Accounts Options (discussion):** Treasurer Gloria I.: CD's for 7 mos. or 13 mos. pay only 1.5%, 1.6% but lock up our funds and cost significant penalty if access to the funds is required. The amount of interest that we could earn is not significant. Per tentative spending projections, we have about 10K in excess funds. **Motion passed** to put 10K in a money market account.

#### **2020 Field and Club Projects (discussion):**

1. Replace damaged shade frame at south end. Cost \$200. **Approved.**
2. Enlarge the gravel parking area at the south end so trailers can turn around. Need cost estimate. To be discussed further.
3. Upgrade the cooking area. Lay petromat. Build 2 picnic tables. Jim I will get a cost estimate for materials. He would design and build with volunteer help.
4. Entry road. John S advises we will need to redo the entry road in the next year of so and should keep this in mind when considering other projects. A cost estimate would be desirable.

**MRF contact person:** **Motion** that John S be designated as our contact person with MRF and that as backup either the President or Vice President should serve if John is not available. **Motion passed.**

**2020 Events Planning/Calendar (discussion):** It was concluded that field events for 2020 will not be scheduled until checking for possible conflicts with major regional events or other club events. John S. is preparing the sanction for the float fly which will be May 13-17. Karen C. reported that Chance H. would like members to come and camp at the field for a few nights, have specific fly times for different types of planes and a night or two of night flying. In the evening, we could all get together for a potluck BBQ. He'll be at the general meeting to discuss it further.

**2019 Audit:** Doug R and Jody K will be the audit committee. Audit to be conducted in January, presented in February.

**Old Business:**

**New Grill:** Basil Y proposed purchasing a new gas grill, \$399 at Sam’s Club, for cooking at club events. **Motion passed** to approve, subject to approval at the General Meeting.

**Refurbish Helicopter Tables:** Basil Y said he has done one table and will paint the two others. He is looking for a suitable plank material. Trex plastic decking was proposed. Spending was already approved at previous Board meeting.

**Board Reports:**

**Treasurer\_Gloria I.** presented her Report for December as shown below. She also referenced a full year 2019 report she had sent to the Board members showing that in total for the year the club took in \$36,277.25 in income and spent \$15,422.96 on expenses.

**AMOS  
Treasurer's Report  
December 2019**

Checking Account Beginning Balance 12/1/2019	\$22,323.46
Deposits:	
2020 New Members	240.00
2020 Membership Renewals	5,582.00
Field Improvement Fees	300.00
Training Program Donations for 2018 & 2019	200.00
	<hr/> 6,322.00
Disbursements:	
EFT Land Lease (January)	\$597.37
EFT Porta Potty	\$133.50
EFT Porta Potty	\$133.50
EFT Roseville Ace Hardware-Field Maint. (Extinguisher, Ties,Pest Spray)	62.84
CK#279 Jim Hill-Misc (Plaques and engraving)	66.33
CK#280 John Sorenson-Field Maint (Weed spray)	167.50
Total Disbursements	<hr/> \$1,161.04
Checking Account Ending Balance 12/31/2019	<hr/> \$27,484.42

**Secretary\_Jody K.** will go over the AMA sanction renewal with Doug R. when the paperwork is received from AMA.

**Field Marshall\_Dave C.** tore down the damaged shade structure and saved any salvageable parts. Sprayed roundup. Going after gophers that are tearing up the back road.

**Event Coordinator/Public Relations\_Karen C:** Rob Ryerson was the first flyer of the year. The Freeze Fly was the first event of the year.

**Membership\_Jim I:** To date, 68 members have not renewed yet. He will wait until January 31 to determine how many members remain.

**Past President John S:** called the Board's attention to the AMA Government Relations Blog and urged the members to take action with regard to FAA proposed rules such as requiring transponders. Please see <https://amablog.modelaircraft.org/amagov/>

## **AMOS General Meeting 1/14/19 @ 7:00PM – recap**

**Opening Remarks:** The president welcomed new Board Members Dave and Karen Correll. He said the Christmas dinner at El Tapatia was a success with 45 or 50 people in attendance, but we need ideas for a bigger place for this year. He added that Chance and his friends put together a great event on New Year's day, and about 45 people with airplanes attended.

**Minutes of December Meeting:** On **Motion** made and seconded the Minutes of the previous General Meeting were **Approved**.

### **New Business:**

**Banking, Excess Cash:** Discussion of likely funds on hand in excess of current needs. After discussion, the following **Motion** was seconded and **Passed:** In order to earn interest on excess funds, the Treasurer will open a money market account at Umpqua Bank, and the Board will determine the amount of money to deposit in the money market account.

**2020 Field Projects:** The following projects were discussed:

**New shade structure, south end:** The president reported that the Board had approved replacing the structure that was damaged by wind at a cost of about \$220. Jim I has purchased the materials.

**Expansion of the gravel parking area, south end:** Chance H said the problem is people towing trailers can't turn around within the existing gravel area and get stuck in the mud. He has an estimate of \$1,700 delivered for the gravel. Jesse T recommends dredging the area by 5" and laying 5" of gravel. Chance estimates probable total cost at about \$2,300. Jim I suggests also gravelling areas around the shed and out by the telephone poles to provide more all weather parking. The Board will consider further and bring a recommendation for vote at the February General Meeting. After discussion, the following **Motion** was seconded and **Passed:** Jim Irey is authorized to buy the materials and proceed to build three picnic tables with assistance from members.

**Refresh the food service area:** Doug R pointed out that it is presently a dirty place for serving food. We can put down petromat in the area at little or no cost using materials we already have. Chance H suggested adding picnic tables. Jim I said he could build them with help from members for about \$320 each. We have \$700 left over from donations for the big shade awning.

**Purchase a bigger barbeque:** Discussion points: (1) The food line currently gets backed up at events. (2) A larger open grill would enable Basil to prepare more food more quickly. (3) It would pay for itself in just a few events. After discussion, the following **Motion** was seconded and **Passed:** Basil is authorized to select and purchase an appropriate barbeque grill at a cost not to exceed \$500.

**2020 Events Planning, Calendar:** Doug R said we want to try to avoid having event dates that conflict with events of nearby clubs or big regional events. Karen C says she has been contacting the people

who coordinate our past events. Mike H won't do the warbirds this year, and John H won't lead the electric fun fly but will be glad to assist. Any member who wants to coordinate an event should contact Karen. Mike D volunteered to lead the warbirds event.

**MRF Contact Person:** The president reported that the Board had designated John S as our continuing representative with respect to the field lease with the president and/or vice president as backups.

**Old Business:**

**Refurbish Helicopter Tables:** Basil Y: work is proceeding.

**Board Reports**

**Treasurer Gloria Irey:** Absent. Doug K read the Treasurer's report for December as published in the minutes of the December Board Meeting. On duly seconded **Motion** to accept the Treasurer's report was **Approved**

**Field Marshal Dave Correll:** Dave tore down the damaged shade structure and salvaged re-usable parts. He sprayed roundup and is in the process of smoking gophers.

**Safety/Training Officer Les Klear:** We had 341 training flights in 2019.

**Contest Coordinator/Public Relations Karen Correll:** Chance H is proposing we have a multi day event for all types of planes to perhaps run from a Wednesday to Sunday and include camping at the field and some night flying. Chance says he will work on it, and make a more specific proposal.

**Past President John Sorenson:** Absent

**Secretary Jody Kahan:** No report.

**Vice President Doug Keller:** No report

**Membership Jim Irey:** 55 members have not renewed to date. Usually we lose 15-20% of members at the end of the year and regain them during the year.

**AMOS News:**

***Disagreements at the February 2020 Board meeting have led to multiple resignations***

*There were some disagreements at the February Board meeting over a issue of board members and there job duties. As a result The President Doug Reid , Membership Coordinator Jim Irey and his Wife Gloria Irey the Treasurer of the club have all resigned there posts. Doug Reid might withdraw his resignation if memebtrs show support.*

*Getting new Board Members to take the vacated posts will be a order of business at the February 11<sup>th</sup> ,2020 General meeting. Please attend, the meeting is at Denneys 6:00PM Dinner 7:00 PM start.*

# AMOSRC 2020 Events

**Wed. May 13<sup>th</sup>-Sun. May 17<sup>th</sup> Float Fly at Camp Far West**

Contacts: John Sorenson 916-216-0384

Gary Meyer 916-276-6990

**Sat. May 16<sup>th</sup>-Rotors Over Roseville Helicopter Event**

Contacts: Basil Yousif 916-410-2791

Geordan White 916-521-8590

**Sat. June 20<sup>th</sup> Warbirds Over Roseville**

Contacts: Michael Dunbar 916-402-4571

Tom Aschwanden 916-331-0391

**Sat. August 8<sup>th</sup> Electric Fun Fly**

Contacts: Randy Allen 530-346-6590

**Sat. Sept. 11<sup>th</sup>-Sun. Sept. 17<sup>th</sup> Thunder in the Valley Jet Rally**

Contacts: Keith Fick 916-439-0707

**Sat. Oct. 3<sup>rd</sup> AmoBro Profile Event**

Contact: Randy Allen 530-346-6590

**Sat. Oct. 17<sup>th</sup>-Sun. Oct. 18<sup>th</sup> Nor-Cal Huckfest Giant Scale Event**

Contacts: Basil Yousif 916-410-2791

Geordan White 916-521-8590

**January 1<sup>st</sup> 2021 Freeze and Fly Event**

Contact: Chance Harris 530-320-1955

**Rotors Over Roseville 2020**  
Model R/C Helicopter Event  
Saturday May 16th 2020 starts at 9:00AM  
Location: AMOS Flying Field 4015 E Catlett Rd, Lincoln, CA 95648  
On The Corner of E Catlett and Fiddymont Roads One Mile East from the Thunder Valley Casino in Lincoln CA  
Flying fee \$7 and BBQ Hamburger or Hotdog Lunch \$7  
Tri-tip sandwich Lunch \$10  
Pilots must have Valid AMA insurance  
Helicopter and Multi Rotor Help Desk for Beginners  
3D Stunt and  
FC3 Scale flying styles  
3 flying areas within the field  
Free Overnight R/V parking, Pilots can arrive on Friday May 15th  
If it Rains on May 16th the Event will be held on the Next Saturday - the 23rd  
Contact: Basil 916-410-2791 or Geordan White 916-521-8590  
See: www.amosrc.com for more information

**Warbirds Over Roseville 2020**  
Saturday June 20th  
Model Airplane R/C Event  
WW1, WW2 and Recent Warbirds welcome Jets okay! Starts 9:00am  
Location: AMOS Flying Field at the Corner of E Catlett and Fiddymont Rds - One Mile East from the Thunder Valley Casino in Lincoln CA  
\*\*Great Event Lodging\*\*  
Flying Fee \$10  
BBQ will be Available for Purchase  
Pilots must have Valid AMA insurance  
Free Overnight R/V Parking, Pilots can arrive on Friday June 19th  
Hosts: Michael Dunbar 916-402-4571  
Email: mjvdunbar@surrexwest.net and Tom Aschwanden-flicam@att.net  
See: www.amosrc.com for more information

**AMOS Electric Fun Fly - Saturday August 8th 2020**  
At the AMOS field Located at 4015 East Catlett RD, Lincoln CA, One Mile East from the Thunder Valley Casino  
Any Size Model Electric Airplanes and Helicopters are welcome - Starts at 9:00 AM and goes Late with Night Flying with Electric LED Models,  
No Landing Fee but AMA insurance is Required  
Great BBQ Hamburger - \$7 meal -w- Drink and chips  
\$10 -Tri-tip meal  
Hotdog meal \$6  
Contests - Limbo, Combat, and Spot Landing  
Host - Randy Allen 530-575-1379  
Email ag@allenguitar.com  
Also See: www.amosrc.com for more information

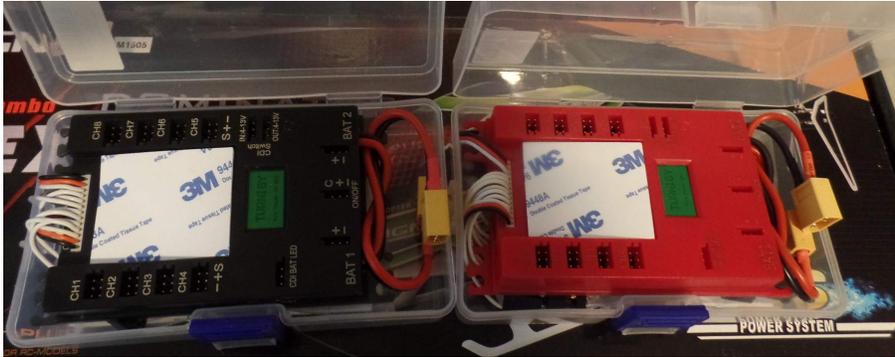
**Nor-Cal Huckfest**  
Giant Scale Event  
Saturday & Sunday October the 17th and 18th, 2020  
At the AMOS field Located at 4015 East Catlett RD, Roseville, CA  
One Mile from the Thunder Valley Casino  
\*\*Great Event Lodging\*\*  
Any Giant Scale 79" and above wingspan 3D Model Airplane can Fly  
Free overnight RV parking  
Pilots can arrive on Friday 16th to Practice Flying at the field.  
\$10 Landing Fee Saturday - Sunday no charge  
AMA insurance is Required  
Great BBQ - Hamburger or Hotdog \$7 meal Tri-tip \$10  
The AMOS Field is a Gold Member AMA field One of the Best in California  
Contacts: Basil 916-410-2791  
Geordan White 916-521-8590  
Gary Meyer 916-276-6990 Web www.amosrc.com

*Volunteers are sometimes needed at these events. If you see an event you may want to help out at, feel free to get ahold of the contacts listed or me (Karen Correll-Contest Coordinator/Public Relations 916-798-3122)*

*Huck-Fest - Needs a activities Coordinator - Best Plane, flight etc possible Awards!*

**Giant Scale Airplane Accessories:**  
**Bigger is better!!**

**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 their monster planes and question whether 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 HV receiver up to 20 amps which is not bad but these Boxes can handle up to 30 amps.

Giant 3D Planes with their 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 lose 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 regulators and an ignition kill switch.

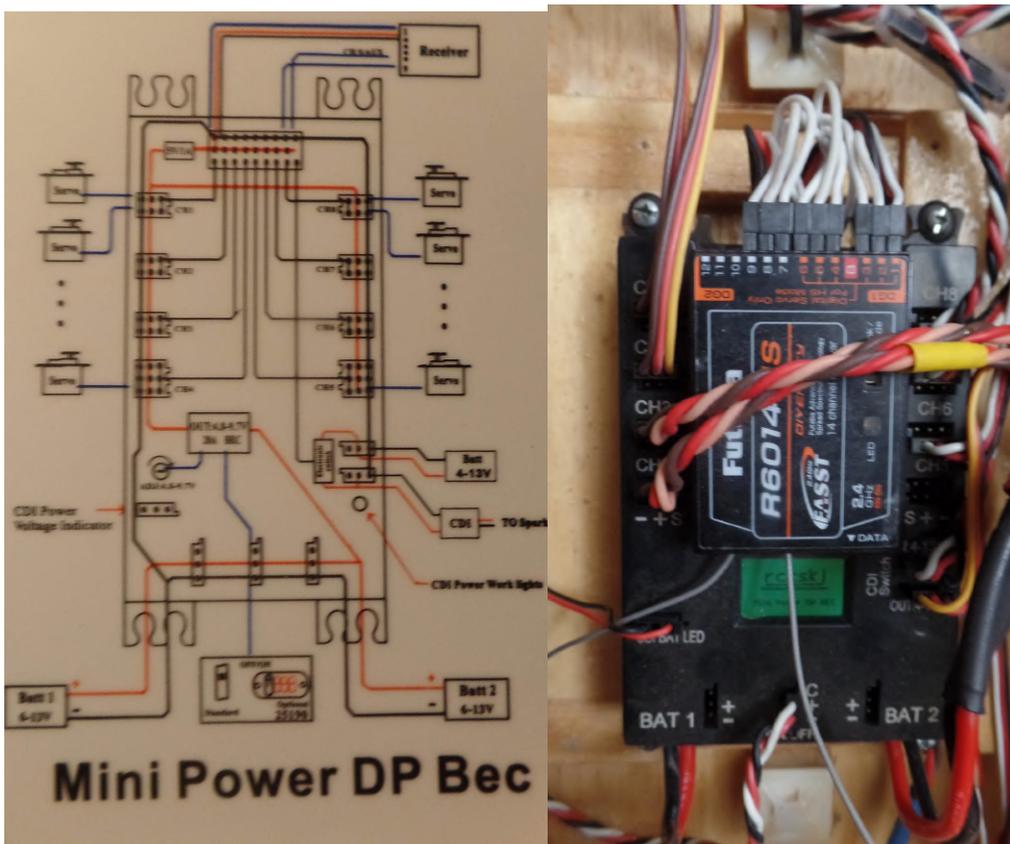
These Boxes also have a separate ignition buss that allows you to use the batteries for powering the ignition by use of a jumper or instead of jumping power to the ignition circuit, you can add a separate battery for ignition. The Electronic Ignition off/on runs through a receiver channel into the Box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

The more features these boxes have the more money they cost and the heavier 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.

There are many brands of these Power Distribution/Regulation Boxes available at R/C outfits. Some High End brands are very pricey. 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.

The Yellow Model sits in the middle of the Black and Red as far as features and price. I have been using the Black full function model for a few years now and it works great. I will try the Red unit in a 50cc Mustang.

There is a Included on/off Switch. Should it fail the unit will stay on. It works with a open switch contact turning the system on, so it's a good idea to unplug the batteries after flying. There is also a external mountable LED that turns on when the ignition is on.



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 a Matchbox which is a multiple servo synchronizer has to be used for 2-4 servos working on the same control surface of a Aileron, Elevator or Rudder. Some servos can be sycronized with the use of a servo programmer. The you can take advantage of the dual outputs.

My Opinion - While you may get away with not having to use one of these Boxes on a Giant Warbird (small control surfaces) 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 much more reliable and wighing from 3.3 to 4.6 ounces there not too heavy.



## R.I.P

### **The Madman!**

*There is a senior citizen driving on the highway. His wife calls him on his cell phone and in a worried voice says, "Herman, be careful! I just heard on the radio that there is a madman driving the wrong way on Route 280!" Herman says, "I know, but there isn't just one, there are hundreds!"*

### **The Genius!**

One day Jimmy got home early from school and his mom asked, "Why are you home so early?" He answered, "Because I was the only one that answered a question in my class." She said, "Wow, my son is a genius. What was the question?" Jimmy replied, "The question was 'Who threw the trash can at the principal's head?'"

*AMOS Newsletter prepared by: Basil Youusif, Send Newsletter feedback and topic info to [basil.yousif@sbcglobal.net](mailto:basil.yousif@sbcglobal.net) USE - AMOS Newsletter as the Subject for the E-mail*