AMOS July 2016 Newsletter

AMOS Board Meeting 7/6/16 @ 7:00PM - recap

Guests Present: Doug Keller, Bob Crawford, Fred Quartier

Unfinished Business:

Christmas Party - Vote will be held at General Meeting to decide location of party.
R.O.A.R. Vote will be held at General Meeting to remove reference to R.O.A.R. from Constitution.

Thunder Valley Jet Rally - Made $171 profit on food. Thirteen pilots came. One turbine.

New Business:

Night Fly - July 23 - Mike Haston: New member, Daniel Stuart wants to put on night-fly combat July 23 with about 25 to 30 pilots. AMA and FAA will be required. John Sorenson: Will need to have AMA sign up sheet.

Model Aviation Day - August 27. AMA Model Aviation Day is August 16. Clubs requested to hold events to observe it on or near that date. All proceeds to benefit Disabled American Veterans.

Our scheduled Electric Fun Fly on August 27 will be our observation of Model Aviation Day. Hilton requested to publicize event. Will be open to non-members.

Donations to D.A.V. will be requested, and will be turned over to AMA.
Hilton: Says he is in process of developing a poster. Will get posters to local chapters of D.A.V.
Mike Haston: We can get Rich Nowatzki to attend. Can advertize we will have a WWII veteran in attendance.

FAA. Mike Haston - Final UAS rules adopted by FAA. Become effective August 29. Apply mainly to commercial operation. Hobbyists who operate under AMA are exempt. Registration numbers are still required.

Board Meeting Day - Mike Haston: Board meetings will return to first Tuesday each month. Raley's not available for August. Will try to get room at Mountain Mikes.

AMA Windsock - Mike Haston - AMA windsock was not available at the $35 price, so will not order. Jim Irey objected to using email to get OK for purchase instead of discussing at meeting.
Upcoming Events:

Board Reports:

President Mike Haston - **Big flag pole to be put up July 13.**
A discussion of how much cement was needed came up. Eight bags to be purchased. Will probably have one or two left over for other projects.

Secretary Jody Kahan - **Seeking information re. raffles held in 2014, 2015. Needs Board minutes for 2014. Will probably contact event directors to ask whether they held raffles. Consulted with attorney. Was informed that penalty for false statement to A.G. is 2-4 years in jail.**

Treasurer Gloria Irey - **Doing good. Don't have results from Randy re. jet event. Paid $2,000 on loan. $3,735 cash on hand. Not enough to make another loan payment. Loan balance $16,810 including interest. In response to question from Jody Kahan, loan is not owed to an officer of director of AMOS.**

Safety/Training Marvin Bennet - **Training going well. Lots of participants. A few bucks in the jar. New pilot hand-outs well received. Will miss next Wednesday and possibly other days due to radiation treatments.**

Fred Quartier - **will step in for training registration.**

Membership Jim Irey - **About 213 members. Keeping track of AMA expiration dates. Will send reminders to renew AMA.**

Field Marshall Glen Gibson - **Lots of trash to pick up. Some discussion of smoking in pits and other problems.**

Past President John Sorenson - **Steve Patti donated $60 to the club from stuff he sold. Discussion of right of multi-rotor pilots to fly from heli pad. Same rules apply tom multi-rotor pilots as everyone else.**

  Anything a heli pilot is allowed, a multi-rotor pilot is allowed. Mike Haston will send a memo to members that quads can fly anywhere a heli can fly. John Sorenson might start thinking about having a spotter when there are a lot of people flying. Proposed putting out a memo to members so suggesting.

Mike Haston - **Especially on Training Day everyone should have a spotter.**
Other Business Items stolen.

Hilton reported that he had two batteries stolen during the jet event.
Disposal of old chairs.

MOTION made by Glen Gibson, seconded and passed: Take the old crumby chairs to the dump. Club to pay the $15 dollar fee.

AMOS General Meeting - No Minutes and my memory isn't good enough!

AMOS 2016 EVENT CALENDAR

Electric Fun Fly and Appreciation day Combo Event - Sat - August 27 - John Hainlen

President's Fun Fly , Sat - September 10 - Mike Haston

Giant Scale Sat - Sept 24 - Gary Meyers and Basil Yousif - Get your big planes ready!!!

http://amosrc.com/events/event/64-thunder-valley-rally-of-the-giants

AmoBro Profile Model Fun Fly Friday and Saturday - October 7-8 - Randy Allen

Christmas Party Tuesday December 13th at 6:00PM Turkey Creek Golf Club - $14 per person.
**This party will be AMOS subsidized to make the dinner cheaper so more members can attend.
Be there!! Dinner will be Turkey and Ham. Drinks at 6:00 PM - Dinner at 7:00 PM**

AMOS Event News

Combat Night Flight Event held by Natomas Flying Group - July 23 8:00PM

   A AMOS member Daniel Stuart put on a combat night-fly on July 23 with about 25 to 30 pilots from a Flying group from the Natomas area. The group used the AMOS field for a night and the field was teaming with Pilots and spectators. The night time event attracted around 200 people at one point. The planes were fun to watch with all the dazzling Colored LED lights mounted on them. Color light trails were all over the place!

  The group expressed interest in putting on another Night Flight Event and it has been a discussion at the meetings weather to allow it again. Some love the idea of another Event like this and others think there should be some way of generating income at the event to help pay field expenses and wear and tear caused by the event.

  I hope to see another one of these and would like to get a combat plane to fly at the next one.

Safely Disabling the throttle stick on your transmitter while handling a R/C Model

After a few accidents while accidentally bumping the transmitter throttle stick I had to use some computer functions of the radio to make things safer. The wind blowing my coat into the throttle stick and destroying the head on a helicopter and nearly chopping up my hand pushed me to use better radio adjustments.

Now I disable the throttle stick on my helicopters while Starting (Fuel Powered) also while walking it out to the takeoff area and when retrieving it after flight (electric).

On a Fuel powered Airplane I use the Hold function only on startup. On a electric airplane I use it to disable the throttle stick and kill the motor while handling the airplane after the battery is connected, walking out to the takeoff area, and after retrieving the model before disconnecting the battery.

I use Throttle Kill to stop the motor on a fuel powered engine after a flight and not Hold.

Your basically using a computer radio mixing function to disable the throttle stick and put the fuel powered engine into a robust idle. For a electric model you want the mix to give you a motor off condition while disabling the throttle stick.
Take into account that this is different from the throttle kill function that doesn't disable the throttle stick it only stops a running engine on low idle (Stick all the way Down).

I use the top right switch for this function. Make sure you don't assign any other mix like dual rate on that same switch.

The Hold switch will have to be in the off position while initially powering on your transmitter and receiver. You can click it on just after your radio finishes starting up.

On Helicopters you simply use the Throttle Hold Function.

This Helicopter built in mixing function on computer transmitters disables the throttle stick while allowing the pitch function (also on the throttle stick) to work so you can auto-rotate the helicopter. Autorotation is when the helicopter has to descend with no motor engaged using only the turning Rotor head and control of the pitch of the blades to bring it down. The Throttle Hold function allows you to practice this while setting the engine at a robust idle (disengaged from the clutch) or off on electrics. After some Autorotation you can get the helicopter powered back before getting near the ground by turning the Throttle Hold switch back to off and applying throttle.

This works perfect as a throttle stick disabling tool while handling the helicopter along with using it for Autorotation. No configuration changes between the two uses are needed.

On Airplanes it can get a little tricky. Most computer radios have some kind of a hold function for airplanes that will disable the throttle stick and hold a set motor speed but many cheaper ones don't. In some radios you can create the Hold Mix yourself. If you want to upgrade to a better radio it's good idea to get a radio with this function for airplanes. You will use it on every model on every flight. A wondering stick can be dangerous!!

If you aren't sure your radio has this mixing feature for airplanes you can contact the radio's manufacturer. If it does they can explain how to do the configuration.

Spectrum Transmitters - the newer models have a hold function mix for airplanes. I would contact Spectrum to see if the older Computer radios can be be setup to do the mix with a programmed mix like the Futaba radios. The RC Universe website Forum has a direct contact to radio manufacturers or another Forum memebr can help you. You can also do a search on previeously asked questions to see if there is a forum with the configuration information.

DX6 - Throttle Cut
On the DX6 the throttle Cut Can be adjusted to disable the throttle stick and give you a preset throttle setting when a switch is toggled.

Pick Throttle Cut on the Menu

Throttle Cut Menu options - Assign the Switch you want to use and the set amount of throttle you need, by adjusting the percent amount, when the switch is activated. A low setting to cut the engine on a electric model and a little bit higher setting for a engine powered plane for a robust Idle. Check your radio's end point adjustments and linkage throws on the plane if there's a problem getting this to work.

Futaba Radios - Creating the Throttle Hold Mix on two popular Futaba Radios. **Futaba radios are Configure-it-yourself on mixes that aren't preset.**

   With the **Futaba 18MZ** transmitter- you set up a condition and assign a switch to it. Make it condition #1, so that if you have any other condition in the transmitter active when you turn it on, the transmitter will warn you and not come on until you move the switch to the condition.

   Switch to condition #1. Go into the Model Menu, and then the AFR section. Select the throttle channel. Change the little square from "Gr." to "Sngl". Set Rate A and Rate B both to 0%. Set Offset to -100%. Now, the throttle channel will be stuck at idle until you turn off the condition by activatiing another condition.

   For the **Futaba 14SG** transmitter, you do it with a pmix. Set the desired mix onto a switch and set the master and slave both to throttle. Set both endpoints to -100%. That turns off the throttle channel when the mix is turned on.

You might have to play with these settings to get a Idle I think -100% would be kill - okey for electric planes but for starting engine planes you would need more throttle.

   I think the 14 SG setup will work for all older Futaba Computer radios like the 9CH as they also have Pmix or Programmed Mixes. A Futaba posative - the mix setup applies to any mix you want to create like a landing mix - flaps and gear down and low throttle - for example.

Best of Jokes:

Another Blonde one !

Bubba and Junior were standing at the base of a flagpole, looking up.
A blonde lady walked by and asked what they were doing.

"We're supposed to find the height of the flagpole," said Bubba,
"but we don't have a ladder."

The woman took a wrench from her purse, loosened a few bolts, and laid
the pole down. Then she took a tape measure from her pocket, took a
measurement & announced, "Eighteen feet, six inches," and walked away.

Junior shook his head and laughed. "Ain't that just like a dumb blonde?
We ask for the height, and she gives us the length!!

The Monastery

A guy joins a monastery and takes a vow of silence: he's allowed to say two
words every seven years.

After the first seven years, the elders bring him in and ask for his two words.
"Cold floors," he says.

They nod and send him away. Seven more years pass. They bring him back in and
ask for his two words. He clears his throats and says, "Bad food." They nod and
send him away.

Seven more years pass. They bring him in for his two words. "I quit," he says.
"That's not surprising," the elders say.

"You've done nothing but complain since you got here."

Too Hot!

 A blonde, brunette and redhead are in a desert.

The brunette says, "I brought some water so we don't get dehydrated."

The redhead says, "I brought some suntan lotion so we don't get sunburned."

Then the blonde says I brought a car door." The other girls said, "Why did you
bring that?" Then the blonde says,

"So I can roll down the window if it gets hot."