

Fred Meyer
834 Shennecossett Road
Groton, CT 06340
News Letter Editor 860-445-7694
e-mail: fmeyerrc@gmail.com



**AN AMA
GOLD LEADER CLUB**

Meeting date: Tuesday March 21th @ 7:30PM. The
Meeting location is the new Salem Library on Rt 85
about one mile north of the Salem Four Corners.

Visit RC Propbusters online at:
<http://www.rcpropbusters.com>

March 2017 NEWSLETTER

This month we are featuring a Seasonal Model Check List sent from George Hovey

TIP OF THE MONTH

Programming an AS3X Receiver

The Spectrum AS3X capable receiver can be programmed with your Smart Phone (Android or iPhone) or with your computer. You must download Spectrum AS3X Programming Application App & install it on your computer or phone. Go to

www.SpectrumRC.com/AS3X

or download from the Apple Store or Google Play store.

You must also purchase a cable for your phone or computer interface.

Transmitter/Receiver

Programming Cable: USB
Interface (SPMA3065) or

Transmitter/Receiver

Programming Cable: Audio
Interface (SPMA3081)

[See Quick Start Guide Pg 5](#)



RC Propbusters

Meeting 03/21/2017 Agenda

1. Call To Order.
2. Reading of Minutes of last Meeting.
3. Financial Report.
4. Improved Web Site
 - a. Does anyone have some ideas or issues with the website?
5. Old Business
 - a. Search for a field to purchase
 - i. Ron Czikowsky & Fred Meyer have committed to find a realtor & search for a field to purchase during 2017.
6. New Business
 - a. Any new business from the floor?
 - b. Indoor Flying.
 - c. Schedule of 2017 Events
 - i. AeroTow May 18-21
 - ii. NEPRO Jun 3-4 & Sep 24
 - iii. Memorial Jun 17-18
 - iv. Helicopter Jun 24 rain date Jun 25
 - v. Electric Fun Fly & Swap Meet July 15
 - vi. Neighborhood Event TBD
 - vii. Labor day Fun Fly Sep 4
7. Good and Welfare
 - a. Ideas for school or group presentation to local organizations.
 - b. Any new organizations interested in coming to the field for an outing.
 - c. Ideas for demonstrating how to do various radio installations, covering, & construction techniques.
 - d. Tips for the Newsletter
8. New Members
9. Model of the Month
10. Motion to Adjourn

Don't forget indoor flying at St. Thomas More School Gym

CHECK OUT OUR NEW WEB SITE. WWW.RCPROPBUSTERS.COM

If you want to add something to the web site, you can do so on the forum or contact Peter Sylvester at sylvesp@hotmail.com.

INSTRUCTORS

TOM VERNON - CHIEF PILOT	860-859-1548	BOB BOUDREAU - FIXED WING	860-443-8421
JOE COMEROSKI -HELI	860-848-3184	RON CZIKOWSKY - FIXED WING	860-388-2953
DENNIS DUPLICE-Fixed Wing	860-376-6230	BRIAN JOLLICOEUR-FIXED WING	860-464-9315
RICH IPPOLITO -BOTH	860-443-0085	FRED MEYER - FIXED WING	860-445-7694
ROBERT LARSON - BOTH	860-526-2267	MARK O'CONNELL - BOTH	860-460-8835
BERNIE LISKOV - FIXED WING	860-460-7095	LEN BUFFINTON - *GLIDERS	860-395-8406
KYLE SWAIDNER - ** Gliders	860-405-5304	RICHARD CROOKS - FIXED WING	860-446-0050

*Len Buffinton is a Glider and Aero-Tow expert that can also help with your fixed wing flying.

**Kyle Swaidner flies everything, but he is offering to introduce everyone interested in side arm & discus launched GLIDERS. Give him a call if interested.

IF YOU ARE A STUDENT HOOK UP WITH ONE OF THESE MEN AND GET
TRAINED. ANY CLUB PILOT CAN TRAIN YOU, BUT AN INSTRUCTOR MUST
SIGN YOU OFF.

MODELS OF MONTH

Ed Deming brought in a new Heli from Lynx Products. This is an insane 250 size 3D model that has a head rotor speed of 4,000 rpm, a tail rotor speed of 16,000 rpm, uses a Xnova motor with a 6 cell 1,000 mah LiPo battery. This is the Oxy 3 from Lynx Products. If you want to join in the insanity, go to <http://oxyheli.com> and buy one of your own. The web site indicates you can build one with a 3 blade or 4 blade head & more stuff to come. Engineers are all crazy; **we knew that.**





Here are some photos of Dave Grainger showing off a MINI FPV Drone navigating the new lighted obstacles that are used at the indoor flying sessions at St. Thomas More School Gym. Two comments must be offered.

1. Dave has done a great job fabricating & setting up the lighted gates used each Sunday.
2. He has really become an excellent FPV pilot and has inspired at least 6 other Propbusters to get involved.

Seasonal Model Checklist

Model _____ Date _____

Finish		
<input type="checkbox"/>	Covering	Check fabric/covering for loose seams, fraying, tightness, and pulling free from structure.
<input type="checkbox"/>	Fiberglass	Check for cracking, delaminating, and durability.
<input type="checkbox"/>	Paint	Check for chipping, cracking, lifting, and touch up any hanger rash.
<input type="checkbox"/>	Markings	Double check all markings if not painted on model to make sure they are not lifting.
Airframe		
<input type="checkbox"/>	General Structure	Check all exposed internal structure elements are secure including servo trays, exposed formers, wing bolt plates, etc.
<input type="checkbox"/>	Control Surfaces	Make sure all control surfaces are tight but not binding, and move within the needed range of motion.
<input type="checkbox"/>	Hinges/Linkages	Verify that hinges are secure and none are broken or worn. Replace if needed. Verify all linkages are secure and not looser "sloppy".
<input type="checkbox"/>	Balance	Verify center of gravity (CG) and lateral balance.
<input type="checkbox"/>	Contact Info	Make sure your contact information is inside the aircraft.
<input type="checkbox"/>	Other	Make sure all hatches, access panels, and cowl fasteners are secure and not worn/stripped.
<input type="checkbox"/>	Cowl/Canopy	Make sure cowl and canopy are secure and not cracked or working loose.
Landing Gear		
<input type="checkbox"/>	General	Check general condition of landing gear / retracts for proper operation and clearance.
<input type="checkbox"/>	Wheels	Inspect and verify they spin freely and check for tightness of wheel collars/nuts.
<input type="checkbox"/>	Alignment	Verify all wheels track correctly.
<input type="checkbox"/>	Air system	Verify air system holds air in both retract positions (if installed).
Fuel System		
<input type="checkbox"/>	Fuel Tank	Check for leaks and check front screw for tightness. Verify fuel tank is secure in aircraft and that the clunk moves freely. Replace internal lines if necessary.
<input type="checkbox"/>	Fuel Lines	Check for leaks and/or blockage. Replace if necessary.
<input type="checkbox"/>	Filter/Pump	Check for stoppage. Clean or replace if necessary.
Engine & Propeller		
<input type="checkbox"/>	Mounting	Make sure motor / engine is secured to mount.
<input type="checkbox"/>	Muffler	Mounted securely and not leaking around exhaust manifold.
<input type="checkbox"/>	Engine/Motor	Verify engine/motor is operating properly and safely.
<input type="checkbox"/>	Propeller	Check for nicks or cracks and check propeller balance before mounting on engine.
<input type="checkbox"/>	Spinner/Nut	Check condition and tightness.
Radio / Electrical		
<input type="checkbox"/>	Servos	Verify all servos are securely mounted to the aircraft, operating properly, not binding, and servo arms secure.
<input type="checkbox"/>	Receiver	Ensure it is mounted securely but protected by foam. Check antenna to ensure it's properly routed and secure.
<input type="checkbox"/>	Switch(s)	Ensure they are functioning properly. Old switches can have worn contacts that lead to power interruption.
<input type="checkbox"/>	Battery	Cycle and check charge level and capacity and replace if necessary.
<input type="checkbox"/>	Extensions/Leads	Check all connectors and wires for fraying or breaks.
<input type="checkbox"/>	Range Check	Range check model at flying field before flying it.

SPEKTRUM **ASXX® Receiver Quick Start** **Programming Guide**



To get more information, including information on downloading the Spektrum ASXX Mobile Programming application, scan this QR code or visit www.spektrumrc.com/ASXX

Step 1

Transmitter Setup

- Set all transmitter settings to default.

Important: The Aileron, Elevator and Rudder settings in the transmitter must remain at their factory default values. Settings for reverse, sub trim, travel adjustment, expo and dual rate must be done in the App only.

Step 2

Installing the Receiver

- Install the receiver in one of 8 grille orientations using double sided tape.
- The servo ports must be facing the front or rear of the aircraft.
- The receiver must be mounted parallel to the roll, pitch and yaw axis (NOT AWAY!).



Step 3

Binding

- Insert the bind plug into the receiver bind port and power on the receiver. The LED should blink to indicate the receiver is in bind mode.
- Send the transmitter to the receiver at low throttle. Refer to your transmitter's manual for details on how to bind to your specific transmitter.



Step 4

Installing the ASXX Mobile Application*

- To install the Spektrum ASXX App on your iOS or Android mobile device, visit www.spektrumrc.com/ASXX or download from the Apple App Store or Google Play above.
- Once installed, start the App.



*Minimum system requirements: iOS 6.0, iPhone 4, iPod touch and Android 4.0

Step 5

Connecting to the Receiver

- Connect the servo plug in the audio interface cable to the RF-ASXX port on your receiver.
- Power the receiver through any open channel.
- Connect the audio plug in the interface cable to the audio jack on your mobile device. The volume **MUST** be turned up to full.
- Ensure you have secure receiver data port and audio data port connections.

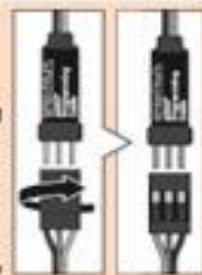
If the receiver is being connected for the first time, the App will automatically open to Model Wizard in the Model Setup screen.



If your Android device does not recognize the receiver**

- Ensure you have secure receiver data port and audio data port connections.
- Disconnect the audio plug from the device.
- Separate the servo plugs in the middle of the interface cable.
- Flip the device servo plug 180 degrees and re-connect the servo plugs.
- Re-connect the audio plug to the device.

**Does not apply to iOS Devices.



Step 6

Plug servo leads into assigned ports

Typical Servo Port Assignments*

- | Normal Model Type | Delta / Eleven Model Type |
|--|---------------------------|
| • Port 1: Throttle | • Port 1: Throttle |
| • Port 2: Aileron | • Port 2: Right Aileron |
| • Port 3: Elevator | • Port 3: Left Aileron |
| • Port 4: Rudder | • Port 4: Rudder |
| • Port 5: Gear Flap | • Port 5: Gear |
| • Port 6: Left Aileron (if equipped with dual aileron) | • Port 6: Ail 1 |



*ASXX shown for reference. Port assignments will be similar for all ASXX receivers. Refer to your receiver manual for more information.

Step 7

Model Setup

- In the setup Wizard, follow and complete each step. Help functions are available in each screen to assist.
 - When model setup is done, complete final setup of the EXPO, DFR and Gains for each flight mode.
- Visit www.spektrumrc.com/ASXX for more information and to view video's on how to program your new ASXX receiver.



Step 8

Pre-flight Checks

- Test all flight modes are controlling as expected (DVR, Gains and EXPO).
- Test servo direction (servo direction must be set using the App and not the transmitter).
- Test gains are controlling in the proper direction.

Control Direction Test

Move the controls on the transmitter to make sure the aircraft control surfaces move in the proper direction.

Transmitter Command	Aircraft Reaction
Up Elevator Command	
Stick Right	
Stick Left	

ASXX Control Direction Test

Once you are sure the aircraft responds correctly, move the aircraft as driven to ensure the ASXX system moves the control surfaces in their proper direction.

Aircraft Movement	ASXX Reaction

Minutes of the February 21st, 2017 RC Propbusters Meeting

The meeting was called to order at 7:30 PM with 24 members present.

Minutes of the December meeting read and accepted.

Treasury report: (by John)

- | | |
|-------------------------------|------------------------------|
| ○ Opening balance \$33,257.98 | ○ Expenses - \$1525 |
| ○ Income and dues - \$1840.76 | ○ Ending balance \$33,573.74 |

Read and accepted.

Comitee Reports:

- Events are all set and we have the sanctions in.
 - May 18-21 AeroTow
 - Nepro June 3-4 sept 24
 - Memorial June 17-18
 - Heli June 24 (25 rain)
 - Electric Fun Fly & Swap Meet July 15 (16 rain)
 - Neighborhood tbd. – we need somebody to step up for this
 - Labor day fun fly Sept 7
- We did receive a request from the Danielson Airport to participate in their open day event. Will be in the way of the electric event. They will be advertising it this year to attract more visitors.

Old Business:

- We need somebody to take over the membership and making cards. We are looking for different arrangement. The board meeting next month will suggest a solution and present it to the members during next monthly meeting.
- Flying at St. Thomas More School is great... it is even fantastic! Come and fly!
- John gave an update about becoming a non-profit organization. (501-C3) It depends on what we want to do in the future and if we will buy a piece of property. Property the size we need is expensive in CT unless we buy some government subsidized property. It takes about 7 months to get it done.
- NEDS – will have 3 float flies. May 21st, June 16th, Sept 17th at the Mansfield Dam. Come and fly
- Possibility of Indoor flying in Enfield at RC-Madness. Northern CT RC club has info on their website

New Business:

- Mark Thompson is asking the membership for help on a documentary he and his son is making about the Life of an RC cub. Let Mark know if you'd like to be part of it!

Good and Welfare:

- The field is still locked because it is muddy. Snow is melting slowly. Will try to organize a field cleanup day the week after Easter. Let us know if you see anything to be repaired.
- We got a thank you letter from the Friends of the Salem library.

New Members

- None

Show and tell

- Ed Deming: Hybrid, 3D, high powered, 250 size heli. Described as: Mosquito on Crack! Made by: Oxy Heli.
<http://oxyheli.com>
- Dave Granger: micro quad obstacle course racing

Club Officer attendance:

 x President x Vice President x Treasurer x Secretary

Adjourned at 8:30

Respectively submitted by Peter Sylvester.