

Fred Meyer  
834 Shennecossett Road  
Groton, CT 06340  
News Letter Editor



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

Next Meeting is Tuesday February 19th @ 7:00PM.  
The New meeting location is the new Salem Library  
Located on Rt 85 about one mile North of the Salem  
Four Corners.

## February 2008 NEWSLETTER



Museum ¼ Scale  
Proctor Nieuport 28-C1  
Top & Bottom left wings  
Being built by Fred Meyer

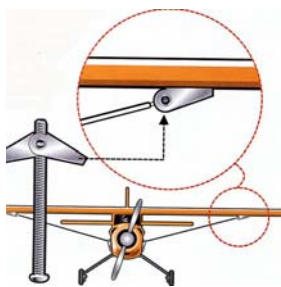
If you ever have a burning desire to build a WWI warbird, let me tell you to think long and hard. These are a major project you can plan on spending more time than you can begin to imagine. The reward better be worth it.

**PLEASE NOTE THE GATE COMBINATION HAS BEEN CHANGED TO PROTECT THE FIELD. IT IS STILL A MUD HOLE.**

### Tip of the Month

#### *Toggle-Bolt Strut Attachments*

Toggle bolts used to secure screws to sheetrock walls (available at hardware stores) make an excellent scale attachments for wing struts. The bolts come in various sizes & can easily be disassembled to produce two perfectly matched strut mounts.



FRED MEYER

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E-MAIL: [FANDPM@TVCONNECT.NET](mailto:FANDPM@TVCONNECT.NET)

### HIGHLIGHTS

- CHECK THE FOR SALE ITEMS AND PLEASE ADVISE IF ANY ITEMS SHOULD BE DELETED.
- PLEASE CHECK YOU E-MAIL ADDRESSES AND BE SURE WE HAVE THE CORRECT ONE SINCE SOME OF THEM ARE NOT ACCEPTING E-MAILS FROM ME. LIST FOLLOWS INSTRUCTOR LISTINGS.
- PLEASE PUT MY ADDRESS IN YOUR ADDRESS BOOK SO YOUR SYSTEM DOES NOT THINK IT IS SPAM.
- I BLIND COPY EVERYONE SO THIS COULD ALSO BE CONSIDERED SPAM BY YOUR FIREWALL.

**CHECK OUT OUR [WEB SITE](#). RICH IPPOLITO IS DOING A FANTASTIC JOB.**

*Get the newsletter on line, new photos of the Warbird & Vintage A/C are on our site.*

*The photos were taken by Hal Robb & one of our visitors, I did not get his name.*

## For Sale

### 1/3 scale cub (THIS IS A GREAT DEAL THAT JUST GOT BETTER, GO SEE IT)

- 4 -  $\frac{1}{4}$  scale Futaba servos with Metal Gears
- 1 - Fuji 50cc gas engine with spring starter New in Box
- 1 - J-3 cowl
- 1 - PA-12 cowl
- 1 - Set of Balsa USA struts for 1/3 scale Cub. Need fabrication.
- 1 - fuel tank 1500cc (fly for ever) All this for \$975.00 or make an offer.

Call Les Haley (860)536-4082, Cell 860-705-9391 or e-mail [lhaleyrc@aol.com](mailto:lhaleyrc@aol.com)

### JR Receiver and spare X-tals for Sale.

- JR Receiver Model No. NER-226X with X-tal on Channel 39. \$25.00
- Futaba dual conversion Crystal, CH 34 \$ 5.00
- ICL dual conversion Crystal, CH 20 \$ 5.00
- Hitech dual conversion Crystal CH 52 \$ 5.00

Call Fred Meyer @ 860-445-7694 or e-mail @ [fandpm@tvconnect.net](mailto:fandpm@tvconnect.net).

### Two Plane Special \$1200.00 (with Futaba 7 P.C.M.)

1. Great Planes - Super Skybolt Biplane 1/6 scale.  
Includes: O/S 120 Surpass 4 stroke, Futaba Flite Pack/Servos, Removable Hatches for Landing gear and battery compartment. Plane is kit built in New condition, flown test flights only. Ready to Fly.
2. Cap 232 Sport (Breitling) (ARF) 1/6 scale.  
Includes: OS 91 Surpass 4 Stroke, Futaba Receiver and servos. Fun to Fly. Ready to Fly.



### " Can separate for individual offers." (No Reasonable Offer Refused)

3. Boeing F4-B Biplane 1/5 scale. Includes: Super Tiger 2500, Bisson Pitts Muffler, Futaba 6 channel with Flite Pack and servos. Plane is in Flying Condition - Flown only 3 times, Motor needs adjustment and breaking in. \$450.00
4. Tme's Simple Smoke Pump System with Oil Tank \$20.00
5. Slimline Pitts Style Smoke Muffler w/2 adaptors for OS 120 + YS 120 \$35.00 or \$50.00 for both.
6. YS 120 4 Stroke Super Charger System, Pressurized Fuel System with Check valve + fuel lines. One custom made muffler manifold with muffler. One straight pipe for other type of applications in original box with paper work and instructions. 1-2 hours runtime \$250.00 or reasonable offer
7. Top-Flite Muffler header for Super Tiger 0.61-0.75 2 cycle engines - new \$6.00

**Contact Paul Franciosi (860) 445-4482**

## CLUB 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	ERIC EHRENFELS - HELI	860-501-0437
RICH IPPOLITO -BOTH	860-443-0085	BRIAN JOLLICOEUR-FIXED WING	860-464-9315
PETER KRAUSE - FIXED WING	860-460-8680	FRED MEYER - FIXED WING	860-445-7694
DICK WILKINS - FIXED WING	860-434-1211	DOMINIC TRANCHIDA-FIXED WING	860-442-8145
ROBERT LARSON - HELI	860-526-2267	MARK O'CONNELL - HELI	860-367-9067

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 TO FLY SOLO.

**Incorrect e-mail addresses or just not accepting mail from me.**

<u>Name</u>	<u>e-mail address on file</u>
1. Bill Ballestrini	<a href="mailto:jbbal@sbcglobal.net">jbbal@sbcglobal.net</a>
2. David Capestany	<a href="mailto:davidiicap@yahoo.com">davidiicap@yahoo.com</a>
3. Joe Comerowski	<a href="mailto:JMCOM54@ct.metrocast.net">JMCOM54@ct.metrocast.net</a>
4. Paul Dalgren	<a href="mailto:paul_dalgren@sbcglobal.net">paul_dalgren@sbcglobal.net</a>
5. Hal Robb	<a href="mailto:hrobb2003@myeastern.com">hrobb2003@myeastern.com</a>
6. Keith D. Smith	<a href="mailto:killjoy7@netzero.com">killjoy7@netzero.com</a>
7. Lester Smith Sr.	<a href="mailto:teddybear3555@aol.com">teddybear3555@aol.com</a>
8. Mark Stray	<a href="mailto:max5135@sbcglobal.net">max5135@sbcglobal.net</a>
9. Matthew Stray	<a href="mailto:pingwings12@sbcglobal.net">pingwings12@sbcglobal.net</a>
10. Robert Wales	<a href="mailto:rwales@adelphia.net">rwales@adelphia.net</a>
11. Unknown	<a href="mailto:candsl@myeastern.com">candsl@myeastern.com</a>
12. Unknown	<a href="mailto:jkengel@myeastern.com">jkengel@myeastern.com</a>

Please advise your correct e-mail address and be sure to have my address in your mailbox.  
[fandpm@tvconnect.net](mailto:fandpm@tvconnect.net)

# Extra 300 SHP by 3D HobbyShop

## Introduction:

Electric flight has been the fastest growing area of model flight over the past several years. With its ever-increasing popularity, continued innovation brings to us an ever more diverse group of products through easier access channels. Where as in the past, a large part of this segment was concentrated on foamies, and ultra-light weight electrics, there has also been major steps forward in technology and availability of larger electric models. At the forefront of this exciting new genre is 3D Hobby Shop and their Extra 330SHP! When given the opportunity to review this aircraft, I immediately jumped on it as I have wanted a larger electric for quite some time, and 3D Hobby Shop's recommended setup package took all of the guesswork out of having a powerful, proven, and reliable setup.

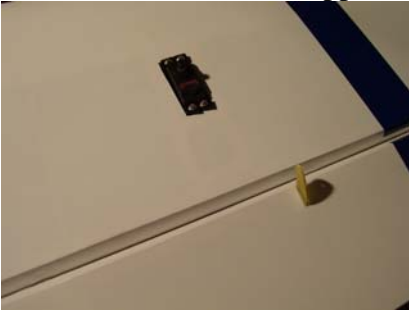
## Out of the Box:

When the man in the large brown truck dropped my Extra 300SHP, he had of course done his best to destroy it while on his truck. It was my luck that 3D Hobby Shop went to great lengths to protect their merchandise on its travels. The double box protection and plenty of padding inside ensured that the airplane and accessories made it through to me with zero damage. Upon unwrapping all of the individual parts from their clear packages, all of the covering was pristine over the top of an amazing light, laser-cut airframe in an attractive "lightening bolt" style-covering scheme. I knew from the first glance at the model that this was going to be a performer, and I couldn't wait to get it together. Big wings, large control surfaces and a thick airfoiled horizontal stabilizer and rudder showed me that this kit was designed with all-out performance in mind. Within the box was a full hardware kit complete with ball-links, phenolic horns, wheels, and a really trick tail wheel setup. I also ordered my kit with the recommended power setup. 3D HobbyShop teamed up with Extremeflight R/C to offer a "Torque" 4014/578 motor and 80amp "Airboss" ESC that is perfect for this application and available directly through 3D HobbyShop. Lastly in the box was a small assortment of Xoar and APC-E props that were recommended by 3D HobbyShop specifically for this airplane and are available through them directly.

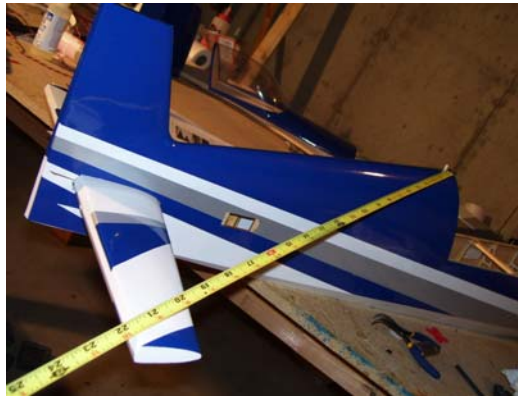
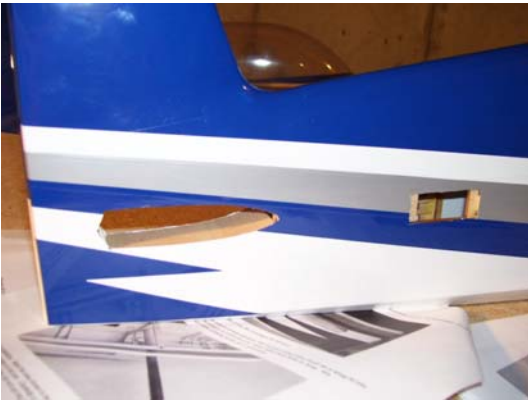


## Construction:

Construction is as simple as it gets with the Extra 300SHP. Wing assembly includes gluing the ailerons to the wings with the provided CA hinges in the already cut-slots. You then remove the covering over the servo bay, and a small slot in the aileron in which you glue the phenolic aileron control horn. Bolt in your servo and attached the supplied hardware, and voila! Your done with the wings!

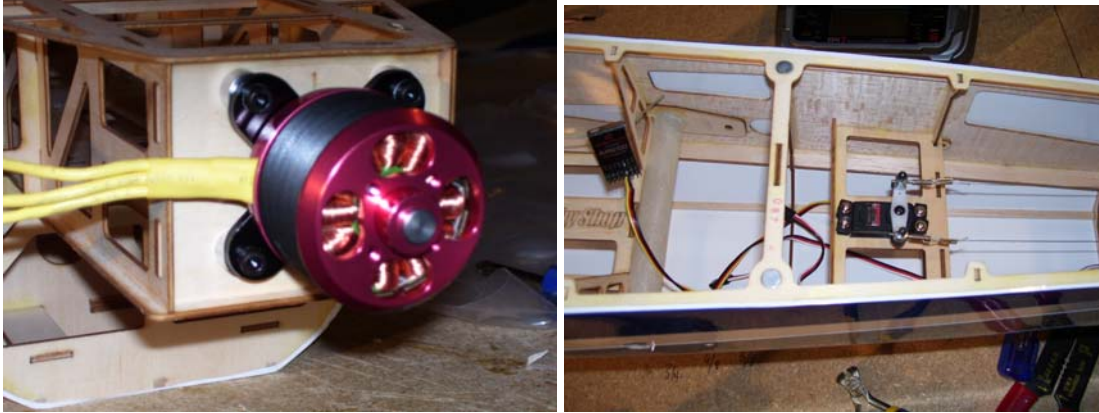


Moving onto the fuselage, I took a brand new #11 blade and removed the covering on the fuse covering the wing tube slot, the wing bolt and anti-rotation pin holes, as well as the elevator servo bays, pull-pull exits, and the slot for the horizontal stabilizer. Once this was done, I squared up the horizontal stab, and glued it in place with epoxy. While I had the epoxy mixed up, I also attached the steering post of the bottom of the rudder, and then glued the rudder in place with the provided CA hinges. Next up was installing the phenolic horns in the bottom of the elevators, and gluing them in place with CA hinges. I installed the elevator servos and the corresponding linkages. The rudder servo and pull-pull cables, as well as the tail wheel setup and steering rod. I did apply a slight dab of lithium grease to the steering tiller bar as it tended to squeak as it moved through the steering post, and it quieted it up immediately.



The landing gear bolted up with two bolts and a small dab of loctite. To that I added the axles, wheels, and wheel pants. Something I really like in 3D Hobbyshop's kit was the style of axles that they provided with this model. They got away from the bolt-style axles that are provided with most of the electric kits I have owned. On the Extra 300SHP, they provided miniature versions of giant scale axles with a smooth axel, flange, and a bolt through with locknut style attachment. No more axles vibrating loose at the most in-opportune times!!! As recommended, I added a few drops of CA to add some extra strength to the gear plate attachment

and where the motor box joined the firewall. I then bolted up the motor with the supplied hardware and routed the wires and speed control through the bulkhead and into the fuse.



The cowl was attached with four wood screws, I preferred to substitute #2 allen-head style button heads per my preference while lining up the cowl with the Hyperion Spinner that I got from 3D Hobbyshop. I attached the wings with the supplied nylon wing bolts, routed the wires, and mounted the Rx and battery Velcro, a quick program in the radio and Bingo! We are flight ready!

Overall construction of this ARF is extremely easy due to the well thought out design and excellent construction. All parts fit perfectly making assembly quite an enjoyable process. Even while taking pics and documenting the build, I only have just over 5 hours of assembly time from start to finish, including all of the soldering associated with the battery pack and ESC setup. Now that's my kind of ARF, quick and easy, in the air in no time!!!



### **Flight Performance:**

After an uneventful takeoff, a couple clicks of trim, and a few test laps, my first impression was WOW! The 300SHP flew very light and had major control authority. After a few easy flights to start breaking in Flightpower 5S 3700mah battery packs, it was time to unleash the fury!!!! Ben Fisher from 3D HobbyShop told me that I would have exceptional power to weight ratio with this power system, but I wasn't expecting Rocket Power!!! The overall performance of the power system in conjunction with my Flightpower Lipo's was unbelievable. I would have to estimate my power to weight ratio of close to 2:1 at full power. Even after a solid workout, the motor, ESC, and battery remained cool.

I began the aerobatic envelope with some sequence work during the first few flights. Rolls were axial, snaps were crisp and predictable, and rudder authority was excellent for hammers, rollers, and point rolls. The unbelievable power allowed me to make my figures big and round without having to pinch the top because I was running out of power. Spin entry was excellent allowing me to fly all areas of sequence flight without problems. The airfoil on the wing and the stab allowed me to show excellent pitch break and anti-rotation on

snaps with ease. I knew within the first minute on this airplane that I was going to become comfortable with it immediately.

After getting a few break-in runs on the batteries, I then kicked it up a notch and explored the 3D envelope with this airplane. I set this airplane up with my own personal settings for 3D rates and expos, similar to all of my airplanes and I found that they were just about exactly what I wanted. At max throw, rolls were blindingly fast at speed, yet perfect for high alpha rolling harriers. Walls, waterfalls, rolling harriers, harriers, inverted harriers, flat spins, and KE spins were all easily within the realm of this airframe. The wing loading felt so light in all of these maneuvers that there wasn't even the slightest hint of wing rock or tip stall in ANY maneuver that I tried. Another big plus during the 3D envelope was once again the power system in this airplane. With the Fightpower 5S pack, Torque Motor, and a Xoar 14x8E prop, throttle response was instant with tons of pull. I can't wait to try out my other prop choices as well to see which one is the best, even though I can't imagine more power than I have right now with the Xoar 14x8E. Power was ample to aid in power-assisted and gyroscopic maneuvers like waterfalls, rolling harriers, tumbles, and climbing flat spins. There wasn't any maneuver that this airframe couldn't handle. Upon landing, a buddy of mine asked me what I thought and the grin on my face must have told him the whole story! This airplane is definitely Bad Ass!!!!



### **Conclusion:**

3D Hobbyshop has made it easy to get into larger electrics with their 55" Extra 300 SHP. They have mastered the perfect combination of power, wing loading, and over all design in this size class. The 300SHP's quality was second to none and a snap to put together, getting you in the air fast with a well thought out design and excellent craftsmanship. If you have been on the thinking about getting into a larger electric but have had some concerns, I am hear to tell you to push those concerns to the wayside and take the leap! Give 3D Hobbyshop a call today and start your path on the way to larger, powerful, clean electric power today with their Extra 300SHP, I promise you that you won't regret it!

--Tank--

## Minutes of January 15, 2008 Meeting

The January 15, 2008 meeting of the RC Propbusters was called to order at 7:02 PM with 18 members present. The minutes of the December meeting were read by Bill Mares and accepted. Ron Czikowsky gave the Financial Report and it was accepted.

### Committees

**Tractor Committee.** A Deposit of \$200 was put down on a Tractor at Ganos. Ron looked into an equipment loan that would be at 7% however the bank requested a cosigner and 2 years worth of tax records. Ron will be looking into getting a loan from his own bank and will let us know at the next meeting.

Fred will be listing the old Tractor for sale starting at \$1200.

### Old Business:

Mohegan Sun indoor flying dates in January were no good. They will be looking for several dates in February and if it happens an email will go out.

New Year's Day fun fly, several people showed up and had fun in the rain. Photos are on the web.

Dennis is working on the event for the Quiet Birdmen, it will be the first Thursday in June, and will let people know who he needs for help.

ALL Model Event:

Fred is checking to see what would be a good weekend for the event and will let us know at the next meeting.

John Banks talked to Andy Argenio when he was out at his shop and told him we scaled back our events this year. He told him to let us know if District 1 is interested in having an event at our field.

John Banks is working on New Member kits, that will include bylaws and info for new members.

### New Business:

We had a motion to Donate \$300 to the Salem Library. Voted on and passed.

There was a little confusion on our Applications, and Tom and Fred pointed it out, Fred will be making the corrections and it will be sent to Rich for updating on the Web Site.

### Good and Welfare

Fred will like more people to contribute to the newsletter. Ex: articles on a new ARF, building tips etc. Jack changed the combination because of thawing, he will change back when it is firm enough to drive. Jack asked if anybody was interested in having a swap meet or something. We don't have facilities for it, so probably not.

### New Members

David Colby

Welcome

## Model of the Month

Fred brought in a Proctor Nieuport 28-C1 that is under construction. He gave us a brief history of the original plane from WWI. So far over 200 hours into and still a lot more to go. Great job Fred.

The meeting was adjourned at 7:42 PM.

Respectively submitted by Bill Mares.



# RC Propbusters

New England  
Am AMA Chartered Club  
Founded in 1936



## MEMBERSHIP APPLICATION/RENEWAL

**INSTRUCTIONS:** PLEASE FILL OUT THIS FORM COMPLETELY AND SUBMIT IT WITH THE APPROPRIATE DUES TO THE **CLUB SECRETARY**. THE SECRETARY WILL VERIFY YOUR AMA CURRENCY AND YOU WILL BE MAILED YOUR MEMBERSHIP CARD IF YOU SEND A SASE. IF YOU HAVE A CURRENT AMA MEMBERSHIP CARD WITH YOU, YOUR RC PROPBUSTERS MEMBERSHIP CARD CAN BE ISSUED AT **THE NEXT** CLUB MEETING HELD PER THE NEW SCHEDULE CONTAINED IN THE NEWSLETTER. 2<sup>ND</sup> TUESDAY OF THE MONTH, OCT-MAR 7:00PM, APR-SEP 8:00PM.

**MAIL TO: BILL MARES, 145 PRESTON ALLEN RD, LISBON, CT, 06351**

PLEASE NOTE YOU MUST SEND A COPY OF YOUR **2008 AMA CARD** WITH YOUR APPLICATION.

**DUES:** \$50.00 PER MEMBER UNTIL THE FEBRUARY **2008** MEETING, THEREAFTER \$55.00. JUNIOR MEMBERSHIPS ARE FREE.

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

ST/ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

FAX: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

AMA No. \_\_\_\_\_

CLASS (CHECK ONE):

OPEN ( )

JUNIOR ( ) DOB \_\_\_\_\_

SENIOR ( ) DOB \_\_\_\_\_

L.M ( )

C.M ( )

PLEASE LIST THE RADIO CHANNELS YOU USE:

I FLY (**CHECK ALL THAT APPLY**): AIRPLANE ( ) HELICOPTER ( ) GLIDER ( )

I AM AN INSTRUCTOR: YES ( ) NO ( ) I NEED AN INSTRUCTOR: YES ( ) NO ( )

PRIMARY AREAS OF INTEREST: SPORT ( ) SCALE ( ) PATTERN ( ) IMAA ( )

GAS ( ) ELECTRIC ( ) COMBAT ( ) OTHER ( )

**DESCRIBE OTHER INTERESTS OR PROGRAMS YOU WOULD LIKE TO SEE IMPLEMENTED:**

I hereby agree to abide by all AMA rules and RC Propbusters by-laws. I will follow all field safety procedures the published rules of etiquette while flying at the club field.

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

THE NEWS LETTER IS AVAILABLE ONLY VIA E-MAIL OR OUR WEB SITE [www.rcpropbusters.com](http://www.rcpropbusters.com). IF YOU WANT TO RECEIVE THE NEWSLETTER VIA E-MAIL PLEASE PROVIDE YOUR E-MAIL ADDRESS: \_\_\_\_\_

### OFFICIAL USE ONLY

AMA CITED: \_\_\_\_\_

MONEYS COLLECTED

CARD SENT: \_\_\_\_\_

DUES: \$ \_\_\_\_\_

COMMENTS:

DONATION: \$ \_\_\_\_\_

TOTAL:

\$ \_\_\_\_\_