



# The Signal

September 2006

Volume 2

## Of Special Interest:

- Richie Blatt's Talk about Glow Engines
- Next Club Meeting on **Wednesday, October 25<sup>th</sup>** at the Bridgewater Library at 8:00pm in Room B.



The meeting was held on September 27<sup>th</sup> and called to order at 7:50pm.

**Attendance:** Lyn Alford, Jim Beard, Paul Brill, Len Ferenchak, Len Cacciatore, Carl Claesson, Greg Clarke, Chris DeBlass, Dan Edelman, Len Ferenchak, Stu Goodman, Ray Jajko, Thomas Jederlinic, Richard Levesen, Joe Lachowski, Cash McManus, Joe Melick, Rich Negran, Becky Rossi, Tony Rossi, Dave Rollino, Dave Shields, Tom Teel, Tom Viechor and Jim Vigani.

The club was happy to welcome our guests: Paul Bonness, Jeff Randolph, Frank Vitelli and Mike Szuch.

And the club would like to thank our special guest speaker: Richie Blatt.



## Treasurer's Report

### Expenses

Rich Levesen, Refund Overpaid Dues, Ck #1546	\$ 10.00
	-----
	\$ 10.00

### Income

August 50-50	\$ 28.00
Rich Negran Donated Back 50-50	\$ 5.00
Club T-Shirt	\$ 37.50
Club Dues	\$ 50.00
	-----
	\$ 120.50

<b>Balance As Of 9/27/2006</b>	<b>\$1,506.07</b>
--------------------------------	-------------------

## Club Meeting Dates for 2007

<u>Date</u>	<u>Library Meeting Room</u>
January 31, 2007	A & B
February 27, 2007	B & C
March 26, 2007	A & B
April 23, 2007	A & B
May 29, 2007	A & B
June 25, 2007	B & C
July 31, 2007	A & B
August 28, 2007	A & B

## Contents:

Treasurer's Report	1
Glow Engine Talk	3
50-50 Results	4
Upcoming Events	4



2007 Dates Set - Mark Them Down In Your Calendar!

September through December Meeting Dates Not Set Yet.





If you have any items that you would like listed in the For Sale section of the newsletter, forward them to the newsletter editor. Items will be listed for a three (3) month period. After three months they will be deleted from the newsletter. If you would like your ad to run longer you must make your request again.

*Your ad could be here in the next newsletter.*

## Hang That Foamie...

Many of us have a foamie or two (or seven if your name is Jim) in our hangars and finding a way to store them can be a bit of a problem. The wings don't usually detach so putting them on the standard wall racks doesn't work too well and you can't put them on the floor, because you'll probably step on them.

Well, hang it up. Using a simple wire coat hangar, it's quite easy to create a custom fitted hangar for your foamies. Check out the pictures below and you'll see how easy it is to organize your hangar – pun intended! ☺



## Glow Engines – Everything You Ever Wanted To Know. A Presentation by Rich Blatt.

By Ray Jajko

You might be inclined to think of recent club meetings as our own in-house “Battle of Power Systems”. At our August meeting Jim Vigani gave a thorough and informative presentation of electric power systems – the strong and silent type of power for our aircraft.

In September we saw an equally fine presentation of internal combustion power systems given by Rich Blatt. Rich had examples of just about everything from a very tiny .010 glow engine to a giant gasser and a two cylinder glow engine.

The sight of the many engines displayed on a table in the front of the room must have really frightened Jim Vigani. Even before Rich started his talk, Jim raised his hand to ask if the demonstration would be noisy. Jim must have had some trouble hearing Rich’s response because Jim was wearing heavy-duty industrial “Ear Muff” type noise protection. With that, in an effort to sooth Jim’s nerves, Rich pulled out what must have been the smallest electric motor ever produced...Jim’s nerves were thus settled.

Rich did a masterful teaching job in showing us all aspects of glow and gas engines with examples dating back to the 1930’s. He even had a “cut-away” of a glow engine so that we could see the moving parts functioning (piston, connecting rod, crank shaft, etc.). Actually this display was the result of one of Rich’s students “show & tell” projects years ago. The student unknowingly cut away a beautiful antique engine – we wonder what grade the student received. Actually, the student did a very professional job!

Not only did we see examples of a wide variety of complete engines, we saw the various component parts such as pistons, connecting rods, and cylinder sleeves. I must be honest and confess I never had any idea what “schnuerle porting” was. Rich provided an answer to my “never-asked” question by showing us an example of “schnuerle porting”.

The presentation really covered everything from methods of breaking in a new engine to proper storage techniques. Run an engine dry after you finish flying (don’t simply de-fuel). Engines should not be stored in plastic bags. Use “After Run” oil if an engine will be out of service for an extended period (automatic transmission fluid is an inexpensive and effective substitute). I’m not going to try to recite all of the tips Rich gave us...he was far too comprehensive for that. If you missed the meeting, which was “standing room” only, talk with Rich or one of the members that were present. Better yet, check with Len Cacciatore who video taped the entire event.



*Editor’s Note:* **Schneurle porting** is a system to improve efficiency on a two-stroke engine. The intake and exhaust ports are cut in the cylinder to make the most efficient exchange of intake and exhaust gasses during running.

Non-Schneurle ported engines have a baffle on the top of the piston to make the intake charge move up and across the cylinder to help drive out the exhaust gasses. Schneurle porting eliminates the baffle by using angled ports and creative timing to have the intake charge do a better job of getting rid of the spent exhaust gasses, a process called *scavenging*.



## Somerset Signal Senders



A great resource  
for everything  
RC...

Somerset Signal  
Senders, Inc.  
Copyright, 2006 ©

## Miscellaneous Club Business

**September 50-50:** The club took in \$30. First place (\$15) was won by Rich Negran and 2<sup>nd</sup> place (\$15) was won by Tom Viechor.

If you would like a club T-Shirt or would like to order a polo shirt or sweat shirt, please contact the club fashion coordinator, Jim Vigani.

The War Birds Over North Branch and Club Closing Day Picnic will be held Sunday, October 15<sup>th</sup>. Please let Len or Marc know if you would like to bring a dessert. The club will be providing food and drinks for the day.

Our President asked Jim Vigani to head up the annual election committee. If you're interested in running in this year's election of officers, please contact Jim.

Jim will be presenting his nominations to the club at the October meeting.

Nominations from the floor will be accepted at the club's November meeting.

Nominations for Member-At-Large will be accepted only from the floor at the November meeting. If you have questions regarding the election process or an officer's position, feel free to talk with Jim or any of the current officers.

## Club Holiday Party

It's that time of year again... we're looking for suggestions as to where and when to have our club Holiday party.

We will be discussing this at the October meeting, so bring your ideas and also your available dates.



## Club Information

- The Somerset Signal Senders will meet Wednesday, October 25<sup>th</sup> at 8pm at the Bridgewater Library in Meeting Room B.
- Our club website is <http://www.somersetsignalsenders.org>
- Questions concerning our website can be directed to: [webmaster@somersetsignalsenders.org](mailto:webmaster@somersetsignalsenders.org)
- Head Flight Instructor: Tony Rossi
- Field Safety Officer: Len Cacciatore
- Newsletter Editor: Marc Julius, [newsletter@somersetsignalsenders.org](mailto:newsletter@somersetsignalsenders.org)
- Questions can be directed to: [President@somersetsignalsenders.org](mailto:President@somersetsignalsenders.org)

## Upcoming Events

**October 15, 2006**

Warbirds Over North Branch and Club Closing Day Picnic

**Date To Be Determined**

Somerset Signal Senders Holiday Party

**January 1, 2007**

New Year's Day Fly