



# Thrustline

The Newsletter by and for the Springfield Model Airplane Club

Website - <http://www.smacoh.org>

Volume 1

January 2005

## Officers 2005

President  
Jeff Traub

Vice-President  
Jeff Joos

Secretary  
Joe Ferrara

Treasurer  
Tom Minnich

## Board Members

Jim Miller  
Neil Perkins  
Bill Cline  
Buzz Massey

Past President/  
Safety Officer  
Bob McWilliams

Field Marshal  
Don Barns

## Assistants 2004

Mower Maintenance  
Phil Henry  
Steve Kianka

Work Liaison  
Neil Perkins

Newsletter Editor  
Clem Schmid

## WINTER INDOOR FLYING ABOUT TO BEGIN

Jeff Traub made arrangements with Clark State for SMAC to Use the Gym for Electric Aircraft Flying during the Cold weather months. Activities could begin On 5 January 2005. Contact Jeff for details.



## New Business Items that will be discussed at January Meeting

1. Vote to accept paying the Asbury Church \$200.00/Yr.
2. The Club to decide if the Directors' should pursue a paint ball event (Club Members Only); 5 shots for a \$1.00.
3. The Club to decide if we should continue to look at a one design contest for Club members; details to be worked out!

## Under Old Business

Board decided to delay until later this Spring a decision on Safety training sponsored by the Clark County Emergency Management Agency. The course is FREE, Requires 20 hours and can be given at our site if we have 22 people taking it.

**Minutes of SMAC Meeting, December 7th, 2004**

Tonight's meeting was held at the Asbury United Methodist Church in North Hampton. Club President Bob McWilliams called the meeting to order at 7:36 PM. There were approximately 39 members in attendance.

**Secretary's Report:** The report was read by Club Secretary Joe Ferrara. The report was then accepted as read.

**Treasurer's Report:** The report was read by Club Treasurer Tom Minnich. The report was then accepted as read. Tom also stated the raffle fund has \$285.00 in it and the membership stands at 94 members.

**Old Business**

**Information Packets:** Jim Miller stated that the information packets have been printed and are now available to new members.

**Swap Meet:** The Club's annual swap meet was held on November 26th, the day after Thanksgiving at the VFW Hall in Springfield and was very well attended. The final numbers indicate that the event netted approximately the same amount as last year. Thanks go out to all who participated in helping to make the show a big success.

**New Business**

**Club Elections:** Tonight is the designated time for Club elections. The following members have been nominated for the Board of Directors: Terry Duke, Jim Bennett, Bob Levy, Bill Cline and Buzz Massey.

The following persons have been nominated for the office of Vice-President: Bernie Zoppa and Jeff Joos.

Tom Minnich was the sole nominee for the office of Treasurer.

The election was then held and the results of the voting are:

**VP:** Jeff Joos was the winner.

**Board:** Bill Cline and Buzz Massey were the winners

**Treasurer:** Tom Minnich was the winner.

At the conclusion of the meeting, the **BIG** 50/50 raffle was held and Buzz Massey held the lucky winning ticket and was the winner of the \$291.50 prize. Congratulations Buzz, this really was your night! Additionally, the Pro-Pilot Simulator which remained from the November Swap meet was won by Jim Bennett and Bruce Shaw was the winner of a \$20 gift certificate that was donated by the Springfield Hobby Shop.

There being no further business, a motion to close the meeting was made. As his last official act, the meeting was closed by President Bob McWilliams at 8:05 PM. Thanks go out to Bob for his service to the Club over the past year and to incoming President Jeff Traub. Happy Holidays to all.

Respectfully submitted By Club Secretary  
**Joe Ferrara**

**Minutes of SMAC Board Meeting,  
December 14th, 2004**

Tonight's meeting was held at the residence of Jeff Traub in Enon and was called to order at 7:00 PM.

**Secretary's Report:** The report was read by Club Secretary Joe Ferrara. The report was then accepted as read.

**Treasurer's Report:** There was no Treasurer's Report read but Tom Minnich stated it has not changed from the general meeting last week.

**Old Business**

**Agenda for the coming year:** Jeff Traub discussed some items he has in mind for meetings this year, including presentations. If any Club members have ideas for presentations they would like to see or present themselves, feel free to contact Jeff or one of the Club officers.

**Safety Training:** The issue of Safety Training which was brought up by Clem Schmid last month is still open.

### New Business

**Church Donation:** The issue of an increased donation to the Asbury United Methodist Church for the use of their facility was made. It has been suggested that we make the figure \$200 as finding winter meeting places is becoming more difficult. The item will be brought up to the membership for further discussion.

**Club Activities:** The Board discussed possible events for the upcoming year. The idea of hosting another paint ball event was brought under consideration.

**Lawn Mowers:** It may be time soon to start considering replacement of our lawn cutting equipment. The units were bought used and are getting old. They're needing more and more maintenance with each passing year and becoming a cost burden. The idea of purchasing a tractor has been suggested.

There being no further business, a motion to close the meeting was made. The meeting was closed by President Jeff Traub at 7:45 PM.

Respectfully submitted By Club Secretary  
**Joe Ferrara**

### Building Season: Winter Aircraft Storage Hints

With the weather turning colder, many of us will be storing our airplanes for the season. Here are some tips that will make a happy aircraft and a happy flier come next spring.

**The engine:** When you finish flying for the day, you should always get the unburned fuel out of the engine. Do this by pulling off the fuel feed from the carburetor, attaching the glow driver, and flipping the propeller. The engine may run a little or it may just pop. When there are no more pops, all the fuel is gone.

Next, make sure all the fuel is out of the tank, you would not believe the green, slimy crud that grows inside a tank with fuel left in it!

After removal from the airplane, the outside of the engine should be cleaned off. Block the carburetor inlet and the exhaust outlet with some wadded up paper towel. Then, get an old toothbrush and some engine cleaner (Formula 409, Fantastic, Windex, Comet, etc.) and scrub the engine. When everything is clean, wipe it down with a rag.

Oiling the inside of the engine comes next. Use Marvel Mystery oil or plain automatic transmission fluid for this. For two-stroke engines, squirt some oil into the exhaust outlet, then remove the glow plug and squirt some into the combustion chamber. For four-stroke engines, squirt oil into the crankcase vent and for the top end, remove the glow plug and lubricate the valve train by squirting oil into the combustion chamber.

Use your electric starter to turn the engine over for a second or two. This will distribute the oil through out the inside of the engine (including the front bearings). Be sure to lubricate the carburetor too so it doesn't get stuck. Put the glow plug back on and wrap your engine in a clean cotton rag. This will allow it to breath over the winter. Don't put it in a plastic bag because it could trap moisture and cause rust and corrosion.

**The Airframe:** Build some more wing racks is needed and store your wings on them. Don't stack them in a pile or lean them in a corner. You'll end up with warped wings. Hang the fuselage somewhere up out of the way.

**The Radio:** Once a month, charge your system overnight. Keep a log book to record when you do this. Once every two months, after you finish the overnight charge, use a ESV, battery cyler, or just run the system for 1 1/2 to 2 hours. Charge the system overnight again. Don't store the radio in a place where it will get too cold, such as an unheated garage.

From Contact  
First State R/C Club  
Timothy Mihalski, editor  
Hockessin DE

## Tornado Fighter Bomber



### TORNADO CREATES AMAZING 'CLOUD' EFFECT

A Tornado fighter bomber pulls up, while moving at high speed, causing a stall (a transient high-speed stall). The drop in air pressure around the wings causes the moisture in the air to condense and, in effect, form instant clouds. Jet fighters breaking the sound barrier, particularly when over water, often cause the same effect.

In the case of the Tornado the condition is enhanced by the swing wings automatically moving to adjust for the stall condition.

### Calendar of Events

- 1 January 2005 "Freeze Fly" at Club Field,  
Saturday at 12:00 noon  
Spence Road, North Hampton, Ohio**
- 4 January 2005 SMAC Club Meeting 7:30 PM  
Location: Asbury United Methodist Church  
104 E. Clark St (Rte #41)  
North Hampton, Ohio
- 18 January 2005 SMAC Board Meeting 7:00 PM  
Location: Home of Jeff Traub  
2665 Lindair Dr., Springfield, Ohio
- 1 February 2005 SMAC Club Meeting 7:30 PM  
Location: Asbury United Methodist Church  
104 E. Clark St. (Rte #41)  
North Hampton, Ohio**
- 15 February 2005 SMAC Board Meeting 7:00 PM  
Location: Home of Jeff Traub  
2665 Lindair Dr., Springfield, Ohio
- 1 March 2005 SMAC Club Meeting 7:30 PM  
Location: Asbury United Methodist Church  
104 E. Clark St. (Rte #41)  
North Hampton, Ohio**
- 15 March 2005 SMAC Board Meeting 7:00 PM  
Location: Home of Jeff Traub  
2665 Lindair Dr., Springfield, Ohio
- 5 April 2005 SMAC Club Meeting 7:30 PM  
Location: Asbury United Methodist Church  
104 E. Clark St. (Rte #41)  
North Hampton, Ohio**

### CONTEST FUN FROM THE WICHITA RADIO CONTROL CLUB

Why don't you ... Eat a hot dog and fly three loops and three rolls in three minutes?

Poker Cross Country Run: Participant takes off, makes two "fuel stops" picking up two random cards out of a card deck at each stop, and upon landing, picks up the final card. The one with the best poker hand at the end of the poker cross country wins.

The Dreaded Limbo: This event puts pilots against the limbo poles (and several airplanes against the limbo poles as well). The carnage is generally great, but the fun factor also is pretty high.

Engine Rebuild: Construct a disassembled engine from parts and start it in the least amount of time. All parts must be assembled in the proper place, and the engine must run for a period of time. The winner is the person with the lowest time.

Spot Landing: Allow three attempts at landing on a predetermined spot. Closest wins.

Night Fly: You fly your airplane at night. It doesn't get much simpler than that.