

THE TRANSMITTER

Hamilton County R/C Flyers



March 2003
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DISTRICT VI

MEETING NEWS (from March 3rd)



Myron happily wins the December raffle prize at the Red Onion..
It's a "Speed-Air" ARF from Hobby R/C.

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- ◆ President Rick Castor called the meeting to order at 7:10 pm with 13 members in attendance.
- ◆ A field maintenance day is scheduled for April 26th starting at 9 am. We will repair the fencing and runways as necessary in preparation for the spring flying season. Please plan on helping out if possible—the more involved, the quicker it will be get done!
- ◆ Rick sent a letter to the county Sheriff describing the evidence of night-time juvenile alcohol and drug activity in our parking lot. They promised additional patrols past our field, particularly Friday and Saturday nights.
- ◆ Debate was made concerning the old mower. Should we fix it up, continue to use it, and keep it in the storage container, or just get rid of it? The consensus was—make it run and see how it works for a while since it's not worth much.
- ◆ The storage container needs the locking mechanism repaired. Matt, Dave, and Mark will coordinate this effort.

2003 CLUB OFFICERS

- President: Rick Castor
- Vice Pres: Steve Percifield
- Secretary: Matt Kemp
- Treasurer: Gene Krodel
- Field Marshal: Phil Compton
- Librarian: Gene Krodel
- Safety Officer: Matt Kemp
- Editor: Laurie Kemp
- Webmaster: Scott Mineart

Meeting Attendees

There were 13 attendees at the March meeting.

Rick Castor	Jacques Leclerc	Jim Robison
Phil Compton	Michael Leclerc	Mark Schofield
Myron Demaree	Scott Mineart	Ed Sheets
Matt Kemp	Dave Morris	
Gene Krodel	Steve Percifield	

MEETING NEWS (continued)

- ◆ Phil Compton has amended the club Constitution and By-Laws reflecting our name change. Gene will submit these to the AMA to meet their requirements.
- ◆ A more formal flying instruction program is being considered for student pilots. If you have ideas or information from other clubs, or would like to volunteer as an instructor, please let a club officer know.
- ◆ Gene reports that the club treasury is still solvent with 47 paid members so far for 2003.

Winning Raffle Results:

Myron—Fuel	Ed—Hot Glove	Gene—Fuel Filler Valve	Steve P.—CA glue
Phil— Fuel Tubing	Scott—Rubber Bands	Rick C.—Re-coil Tubing	Dave M.—Muffler Extension

"Show and Tale"



Ed and his first SPAD design: "Ed's Special"

Myron Demaree showed his new Speed Air. This is the raffle prize he won at the December meeting at the Red Onion. This nice looking ARF is a 40 size airplane and according to Myron is made from some very hard balsa wood, but still weighs in at a reasonable 5 pounds. The instructions are complete using a "picture book" format. Although appearing to be well constructed, Myron elected to re-hinge some of the control surfaces. Power will come from an APC .46 engine and R/C controls will be a RDC radio and Futaba servos. Myron also drilled the motor mounts for screws instead of trusting the supplied "clamps" to hold down the engine. Myron will let us know when the test flight will be!

Ed Sheets brought in his first SPAD airplane. SPAD = Simple Plastic Airplane Design and is a generic description for really any airplane made from choroplast sign material. Choroplast is cheap, rugged and easy to work with, although Ed says he struggled a little in bending a nice looking leading edge on the wing. The fuselage is PVC drain pipe and the wing spar is a yard stick—typical SPAD construction. Ed's using a Super Tiger .46 engine that should make this airplane go straight up! Nice job guys.

Editor's Reminder

Let Matt or Laurie know if you have any news, articles, pictures, or for-sale items to put in the club newsletter. Use the address or the e-mail addresses on the last page. Notify us by the 15th of each month.

"R/C Equipment Check-List"

It's almost spring time, finally time to dust the cob-webs off your favorite airplanes and head out for the flying field! But before you do, it's a real good idea to check things over first in preparation for a new trouble-free season of flying fun.

- **Airframe**

- * Check the wing for warps—use a heat gun to correct if necessary.
- * Check wing attachment mechanism (dowels or bolt-on).
- * Check for loose covering and seal down—remove wrinkles if needed.
- * Check physical attachment of fin and stabilizer.
- * Check for fuel leakage for resulting wood deterioration.
- * Verify that your name, address, and AMA number are in or on the airplane and is legible.

- **Control Surfaces**

- * Check linkage for flexing or bowing—should be able to move the servo with control surface—Note that some servos don't like to be reverse driven, so be gentle.
- * Check control horns and clevises for tightness/wear/keepers—replace as necessary.
- * Check thread-on metal clevises—tighten jam nuts and check keepers.
- * Check brass threaded couplers—use only on throttle—use stainless steel on control surfaces.
- * Check for broken or worn hinges and replace as necessary.

- **Radio Installation**

- * Check servos, servo tray, servo rails for secure mounting.
- * Check servo output arm screws and linkage attachments (clevis, EZ connector, Z-bend).
- * Check receiver on-off switch for proper actuation and mounting.
- * Check all servo connections to extensions and the receiver itself.
- * Check receiver and battery foam padding—replace if worn or fuel soaked.
- * Check antenna integrity and routing.
- * Check battery capacity with cyclor or ESV—replace if less than 80% of rated capacity.

- **Landing Gear**

- * Check landing gear for bends and straightness/replace as necessary.
- * Check that landing gear mounting screws are tight, repair if stripped.
- * Check nose gear/tail wheel linkages—verify travel and no binding.
- * Check that the wheels spin freely and tighten wheel collars if necessary (use fuel tubing outside of collars).

- **Engine/Propeller**

- * Check engine mounting—engine to mount, mount to firewall, firewall to airframe
- * Check engine cylinder head bolts, rear cover, carb, and muffler attachment.
- * Check valve clearance on four-stroke engines.
- * Inspect propeller for nicks or cracks and replace if it has any.
- * Check needle friction (good O-rings) for both high and low speed needles (if applicable).

- **Fuel System**

- * Remove the fuel tank and check for debris and/or leaks.
- * Replace fuel tubing between the tank and the engine if it looks worn/old.
- * Good idea to use filter between muffler and tank to keep out debris.
- * Hold airframe nose-up and shake to verify that fuel tank clunk is free.

- **Support Equipment**

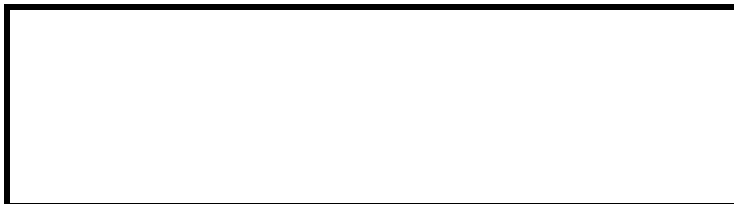
- * Empty out your flight box and clean it.
- * Review tools carried and remove any that you didn't use last year.
- * Stock up on glow plugs and propellers that you will most likely use.
- * Charge/check 12V starter battery and replace if necessary.
- * Charge/cycle the glow plug battery and replace if necessary.
- * Test electric fuel pump/lines/filter to verify everything still works properly.

Hamilton County R/C Flyers

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Indianapolis, IN 46240



DELIVER TO:



Email: lauriekemp@spitfire.net
Or mattlkemp@excite.com

NEXT MEETING:

Monday, April 7th at 7:00 pm
Public Safety Building on Hwy
32, West of Hwy 31 Westfield

We're on the Web! Visit us at
www.hamiltoncountyrct.org

Join us June 7-8, 2003 in Camp Atterbury,
Edinburgh, Indiana for the 2nd Annual Internet Fly-In!

2ND INTERNET FLY-IN

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JUNE 7-8, 2003

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Everyone Welcome, AMA Sanctioned Event, No Landing Fees, 600 ft. Paved Runway, Camping and RV on Site, Serving Food and Drinks Both Days, Dinner Banquet on Saturday Night*, Large Raffle Drawing and more...

Contact Carl Wilson (CD) at 812-526-2162, David Smith at 317-573-2486 or visit our website for more information.

* Advance reservations needed for Dinner Banquet.

Coming Events

If you know of any events of interest, let us know and we'll post them here.

- Toledo Show
5-8th of April
- R/C and Model Hobby Show—DesMoines, Iowa
June 6-8th

Please visit our web site— The mowing season is almost upon us. The mowing schedule is open and we need volunteers to fill in the remaining open weekends. If most of us take a turn, no one should have to do it more than one a year!!

Visit our "sister" club's, the Decatur Eagles, web site:
www.decatur.eagles.rcclubs.com
AMA #2648

There's beginning to be some regional interest in a monthly informal fly-in/gathering of WW1 type aircraft. This would happen at flying sites through-out the area.

Any interest? Let Steve Percifield know if there is.