



HRRC Flyer

Official Club Newsletter of Hampton Roads Radio Control

Volume 10 Issue 6

June 2009



Upcoming Events

- July 9, HRRC Club Meeting
- July 11, CVA Air Cover
- July 18, TRC Scale Fly-In
- July ?, 1st Park Kids Day
- July 25, HRRC Scale Fly-In (Sanctioned)
- August 1, CVA Shoot for a Cure

Latest Improvement at the Field.

The storage shed has virtually doubled in size as its extension was completed earlier this month (June).

HRRC Flyer June 2009

Highlights from the June Meeting

49 members & guests were present--it was an all-time new record high.

New members: Forrest Evey and Robin and Vivian McLaurin were welcomed to the club

The reading of the Minutes was waived and Treasurer's Report was winged because he forgot to bring the file.

The subject of the Helicopter Hover Pad was raised. Although it was approved, the ByLaws and rules were never amended.

The Field Marshall reported on prices to double the size of the shed. The cost would be approximately \$650. June 20th was chosen as the workday to construct the shed. Work will start at 8 am.

Monday will be the day that the roofing paint sample will be put on the runway to test its efficacy in preserving the strip.

The Park Kids day was discussed--Ray Goodwin has one of the club's trainers.

Club Picnic will be on the 20th to support the shed building. Betty Lymber will cook.

Field cutting occurs in the morning on Fridays. The field is closed when the grass is being cut by the contracted grass cutter. Since it is a safety issue, any further issues can be brought up with the club president.

New Pilots Robin McLaurin, Don Strong, and Mike Woodard were presented New Pilot Certificates.

continues

Eagle Hobby Shop Soar with the Best

Tom & Mary Grace Atkins
4832 Godwin Blvd, Suffolk, VA 23434
(757) 255-4040
Wed, Thu, Fri 9:00 - 5:00 FAX (757)-2552032
Sat 9:00 - 1:00 THOMAS_ATKINS@msn.com
Sun 1:00 - 5:00 Or call for an appointment



Club Officers

President

Alex Lymber

Home: 923-1067

Cell: 535-1631

2lilbits@charter.net

Vice President

John Williams

Home: 539-4334

Cell: 435-8983

e-mail: fnatic@charter.net

Secretary/Treasurer

Ricky Thompson

Home: 365-9062

rstphoto@earthlink.net

HRRC Flyer June 2009

Take off to
HobbyTown USA®
Where flying begins!



Two great locations!

| | |
|---|--|
| Loehmann's Plaza 4000 Virginia Beach Blvd. Virginia Beach, VA (757) 306-4760 | Newport Crossing 445 Oriana Road, #16 Newport News, VA (757) 890-4515 |
| M-F 10-8 p.m. Sat. 10-6 p.m. • Sun. 12-5 p.m. | M-F 10-9 p.m. Sat. 10-6 p.m. • Sun. 12-5 p.m. |

*radio control cars, planes & boats • slot cars • trains
model kits • diecast • rockets • kites • sports cards
toys • science items • tools & paints • gifts and more!*

The HRRC Flyer is published monthly for the benefit of Hampton Roads Radio Control Club Members.

The Club holds regular meetings on the 1st Thursday of each month at the location given below. More information is available on the web site: hamptonroadsrc.com

The Deadline for article submission is the date of the monthly meeting. Submit articles in any form to Rick Lawrence (editor)--hrrc@cox.net or (757) 623-0477.

The information contained herein and on the web site is for the sole and personal use of Club Members strictly for their enjoyment in the pursuit of building and flying radio controlled aircraft.

Directions to the Club's Meetings

The club's meetings are held at 7:30 the first Thursday of every month at the Lancaster Farms Meeting Room.

DIRECTIONS:

From Norfolk, Portsmouth, Va. Beach take I-664 to exit 9A or SR 164 to Rt. 17 North. Once on Rt. 17 go to the 3rd traffic light and turn right onto Knotts Neck Road. Look for the HRRC sign on the left.

From Suffolk, take Wilroy Road to Nansemond Parkway. Take a left on Nansemond Pkwy and turn left onto Shoulders Hill Rd. Cross the traffic light at Rt. 17 and look for the HRRC sign on the left.



HRRC Flyer June 2009



Highlights from the June Meeting (cont'd)

There is \$425 in Jenny Blanchard's Toys 4 Tots fund. She is trying to raise \$500 on behalf of the club for the Toys 4 Tots event.

Show and Tell was:

Devin (he's the guy from the UK) showed an R/C boat with lights, and anchors. He described how he used microcontrollers to actuate those functions on the boat.

Rick Parsons showed a new biplane that he scratch-built from foam.

Shane showed some of his card-stock models.

Trash Disposal at the Field Courtesy of.....



HRRC Flyer June 2009

Jim Maguire's 2-Stroke Cleaning Instructions

Jim culled this stuff from David Gierke's book and his own experience.

Symptoms of Varnish Build-up

1. The engine won't hold a peak RPM needle-valve setting.
 2. The engine has a narrow needle-valve range between 4-cycling rich and 2-cycling lean.
 3. The engine overheats often accompanied by pre-ignition with the associated 'frying egg' crackle.
 4. The engine may stop in mid-flight for no apparent reason.
 5. The engine will seem normal when cool with good compression and a good 'feel' when flipped by hand--but don't be fooled. When you re-start the engine the high temperatures will cause the varnish to liquefy and the same symptoms will be observed.
 6. To tell if the engine is varnished remove the muffler and look into the engine exhaust port and rotate the shaft until you can see the piston skirt in a strong light. If it's stained a dark brown, especially toward the piston crown (top) and on the piston ring--it is varnished and needs to be cleaned.
- continues

Upcoming Events (Cont'd)

| | |
|---|--|
| August 6, HRRC Club Meeting | October 1, HRRC Club Meeting |
| August 15, CVA Something Different Fly-In, (Sanctioned) | October 10-11, BAGS Giant Scale Fly-In @ CVA |
| August 22, NNPRC Scale Fly-In | TBD, NNPRC Shoot for Food |
| August ?, 2nd Park Kids Day | October 31, Toys 4 Tots Fly-In |
| September 3, HRRC Club Meeting | November 5, HRRC Club Meeting |
| September 12, CVA 15th Annual Cub-Fly | November 6&7, HRRC Field Closure |
| September 19-20, TRC Warbirds Over the Beach @ Pungo | November 13&14, HRRC Field Closure November 20&21, HRRC Field Closure |
| September 20, Family Day Picnic | December 3, HRRC Club Meeting |
| September 26-27, NNPRC Electrics Over Tidewater (Sanctioned) | |
| September 27, Rain Day--Family Day Picnic | |

HRRC Flyer June 2009

Jim Maguire's 2-Stroke Cleaning Instructions (cont'd)

Removing Varnish Build-up

1. Block the carburetor intake and exhaust ports with part of a paper towel.
2. Use a solution of 10 to 1 mix of water to liquid dish soap in a spray bottle and spray the entire engine and scrub it with an old tooth-brush and rise it under warm tap water with the engine upside-down to remove all external dirt.
3. Scribe marks on the cylinder head and block, engine back-plate and block so that the engine can be re-assembled in the same orientation.
4. Remove the carburetor and glow-plug.
5. Remove the engine back-plate.
6. Scribe the connecting rod so that it can be replaced in its original position.
7. Remove the cylinder head. Note which way the cylinder liner comes out. Some have alignment marks, some have a block and pin and others have nothing at all.
8. Lift the rod off of the crank pin and push the piston up through the cylinder liner and out. Remove the cylinder liner. In some cases the cylinder liner will have to be removed first before the piston rod can be lifted off the crank pin.
9. Put the prop nut on the crank-shaft to protect the threads and lightly rap the end of the shaft with a plastic hammer (preferred) or a small brass hammer to knock the crankshaft from the bearings and out of the engine block.
10. Often the rear bearing will remain in the block. Use a propane torch to evenly heat the area around the bearing by moving it in a back and forth motion. Pick up the block with a hot glove or rag and slap it smartly down on a block of wood. The rear bearing will pop out. Knock out the front bearing with a 3/8" diameter brass rod or wood dowel with the end tapered so that wood will not cut into the front bearing.
11. Soak all parts in lacquer thinner (overnight) to help soften the varnish and carbon on top of the piston and bottom of cylinder head.
12. One by one, use a Brillo "SOS" pad under warm water to scrub and clean all varnish and carbon off of the surfaces. The fine steel wool used in the pad will not remove any metal from the engine.
13. Rinse with hot water and dry all parts and soak them in Marvel Mystery Oil.
14. Reassembly is the reverse of engine disassembly.