

The Flight Box



Letter from the President

April 2016

Hello Everyone,

Spring is trying to spring. Hopefully warmer weather finds us soon. I know I am looking forward to it.

I am looking forward to a great flying season. We had had contact with Summit Heli and everything is a go for WOS 7. Also Blue Ridge Soaring plans on making an appearance. We will be getting a work volunteer schedule together soon for those who wish to help. Flyers are available for those of you who wish to help pass the word about WOS. Please see Bill Morgan for those,

Have a great month and we will see you MAY 2 for the May Meeting.

Thank You

~

Gary Jordan
RVRC President

We have several new member applications and request your attendance at the next General Membership Meeting so that we can have a quorum to vote these new members in for the new year.

Minutes of the General Membership Meeting

Meeting called to order: 7:00pm

- 15 members present, 0 junior member (s), 0 Associate, and 5 guests
- a quorum (21) *was not* met

Guests:

-Don Field (recommended to visit us by CrossRoad's Hobbies) returned for a second consecutive month and is ready to join ... he's retired from the railroad and wants to take up a new hobby!



-Daniel Richards has reached out via R/C Groups and to our Secretary, David. Daniel works for the Veteran's Medical Service and is a US Navy reservist, Daniel is interested in Helicopters and is building a 450



- Mike Harris (not pictured here) a neighbor and friend of Ken Philpott. Mike is a firefighter/paramedic for Botetourt Co. who is just getting involved in RC aircraft.

-John Strickland (not pictured here) who lives a few blocks away from the field has heard us flying on the weekends and is looking for a new hobby. He says that he's had family which has flown R/C aircraft many years ago and he's interested.

Rejoining Club Members:

- Ken Philpott

New Club Members:

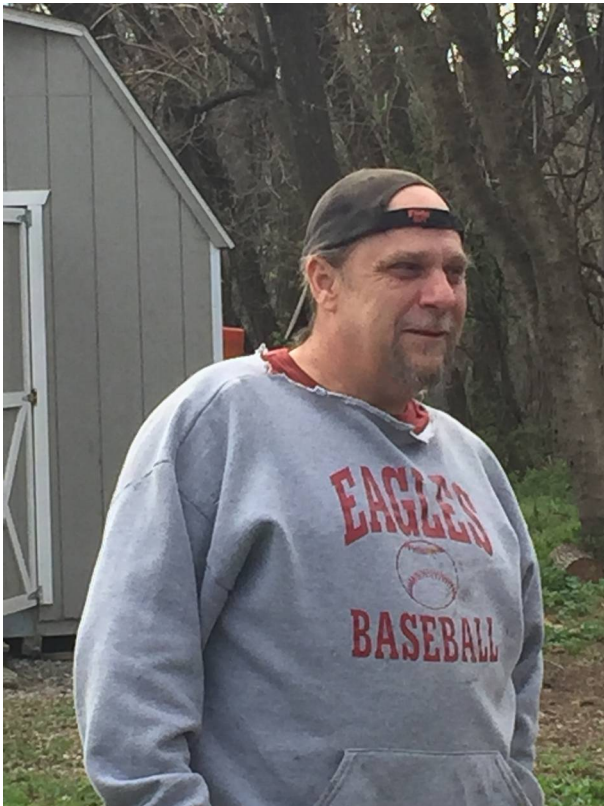
- none

Announcements:

- Mailings of renewal forms should be out within the next two weeks, per Mr. President, Gary.

Announcements: (con't)

-A hearty thank you to all who came out for our March Clean UP Weekend ... it looks great and the shed is straightened up ...



Announcements: (con't)

-Many hands made light work ... attendees: Jim Bowen, Bill Morgan, Dany Bayse, Ronnie Howell, Mike Fetz, Mike Powell, David & Vickie Vietmeier



Announcements: (con't)

-A hearty thank you to all who came out for our March Clean UP Weekend ... it looks great and the clubhouse has been swept, mopped and straightened up ... plus the windows are cleaned!



Announcements: (con't)

-**Summit**; Gary, RVRC's President is trying once again to initiate a Board Of Director's meeting with John Milco, CEO of Summit, so that the new administration can meet face to face and iron out some particulars:

- ➔ **Air Warning Alert System (AWAS)** we are waiting for a coordination frequency from Summit; as the microprocessor receiver can be programmed. Jim Bowen has purchased a Uniden BC356CRS Radio Scanner & has added a signal detect output to the receiver. We will need that to feed to the pattern recognizer which will in turn activate the alarm and strobe.
- ➔ **Approach Flight Pattern** we are waiting for a details on an approach vector and fly by so we are aware of pilot's intentions.
 - ➔ Summit's Flight Operations is bringing in a Cessna 182 as pilot transport vehicle and it will now be housed in the Hangar that Al James use to house his C182. This plane will frequent the field more often. *As a reminder when you see any FULL SCALE aircraft on approach please land immediately !!*

- Upcoming Local Events

- April 23rd in Tabor City, NC., Southeastern Modelers RC Flying Club is hosting their **3RD ANNUAL BREAST CANCER FLY-IN**
- April 29th – May 1st in Spotsylvania, VA., Fredericksburg Area RC Club is hosting their fly-in **7TH ANNUAL HELI SPRING FLING**
- May 19th – 22nd in Covington, VA., **The FLYING CIRCUS** comes to town !

MAY 19TH-22ND
TICKETS \$35

COVINGTON, VIRGINIA

**OPEN FLYING
RACING PRIZES
SPONSORS FOOD MUSIC**

THE FLYING CIRCUS

StoneBlue

FPV FESTIVAL

MULTIROTOR RACING
MULTI GP

Treasurer's Report

Presented by Jim Bowen
RVRC Treasurer

RVRC Treasurer's Report for Mar 2016
Prepared Apr 2, 2016

Checking Acc't	\$6,412.66
Money M'kt Acc't (as of Mar 31, 2016)	\$34,757.21
Total funds:	<u>\$41,169.87</u>

Income/Expense by Payee - Mar 2016

Checking Account		
3/1/2016	Beginning Balance	\$6,737.40
	Deposits	66.00
		Neifert youth & Dalton assoc. memberships
	Deposits, total	<u>\$66.00</u>
EXPENSES		
	Payee:	FOR:
3/4/2016	Blue Ridge Sign and Stamp	87.36
		3 signs, "Do not taxi into pits"
3/4/2016	David Vietmeier	12.98
		SDRAM for RVRC computer
3/7/2016	Hostmonster	155.88
		Annual renewal, website hosting
3/25/2016	City of Salem	45.00
		Monthly dumpster lease fee and pickup
3/25/2016	City of Salem	89.52
		Electric utility bill
	TOTAL EXPENSES	<u>\$390.74</u>
3/31/2016	Closing Balance	\$6,412.66

Announcements: (con't)

- ★ Review of Membership Database in preparation for Renewal Process Publication & Disbursement of new forms to be made before May 2nd General Membership Meeting.
 - Are dues rising? ... ***NO THEY WILL REMAIN THE SAME ...***
\$98 IF PAID BEFORE MAY 1ST (MUST BE IN TREASURER'S HANDS OR POSTMARKED BEFORE MAY 1ST). OTHERWISE \$108 IF PAID BY THE FIRST CLUB MEETING IN MAY! IF NOT PAID BY THE FIRST CLUB MEETING IN MAY, THEN AN ADDITIONAL \$5 LATE FEE IS IMPOSED (\$113 TOTAL FOR RENEWAL AFTER THE CLUB MEETING BUT BEFORE JUNE 1). IF NOT PAID BY JUNE 1ST THEN MEMBER MUST RE-APPLY AND PAY INITIATION FEE AGAIN !!
****PLEASE PAY EARLY****
You must be a Member in good standing and dues current with the AMA to fly at RVRC

- ★ **Let's keep in mind that it's Summit's land & we are stewards of their property. It is a privilege to be here, therefore we need to respect their wishes and demands.**

-Items of Interest:

Newsletter Submission Date Change; Secretary has moved date to 2nd Monday of the Month preceding publication to enable an earlier and more timely distribution of the newsletter to the general membership. Office of the Secretary's goal is to have the Newsletter presented and posted to the website with in 7-10 days after the monthly General Membership Meeting.

-The creation of our **FaceBook Page** has now over 20 members strong and still growing. The BOD feels that highlighting club events along with club members aircraft builds, tips, tricks, and techniques is a positive support for our members, the sport and our hobby as a whole. Reminder this is a closed page and you must ask to join and Gary, Derrick, or David will admit you as they are Admin Users.

-Night & Day Fun Fly's – if you have dates or types / styles of fun fly's please start a forum post on RVRC's website & **FaceBook Page** and please notify **Board via email** of your interest.

-FAA registration of our members, ***the February 19th deadline HAS PASSED***, **ALL** members should be registered at www.faa.gov/uas/registration. Once registered pilots will receive a Federal registration number that is to be placed on or within aircraft over 250 grams (0.55 lbs.). Members are encouraged to continue placing their AMA numbers on their aircraft as well. Members only have to register once, they do not have to register each unique aircraft. The FAA requires registration regardless if you fly a multi-rotor, helicopter, fixed wing, or any other type of radio control model aircraft that uses a ground control system with a communication link, such as a transmitter.

Old Business:

-Wings Over Salem Event

▶ **Sponsors :**

- ▶ **Baum's BBQ**, He provided our food two years ago and it was delicious !!
 - ▶ A large three or four bench golf cart will be provided by ... **Roanoke Golf Cars**
 - ▶ Blue Ridge Soaring Society to once again be a sponsor for Wings Over Salem fly in, J.P. Stewart once again expressed interest returning with the Piper Cub and a glider in tow. If you never have flown in a full size glider, it is definitely an experience! They offer single rider / and single pilot rides for \$35 and provided the thermals are there, the pilot can catch them and maintain lift your ride can last well up to 45 minutes.
 - ▶ Jeff is trying to get other vendor's at some of the other local club fly-in's he is traveling to see if they'll sponsor us!
- Jeff Stubbs is our CD, Contest Director, for 2016 ~ he's recently re-certified with AMA and has filed with AMA sanctioning event.
 - *Jeff* would like to have some other sanctioned events through out the flying season
 - Please submit any ideas to Jeff at cd@rvrc.org
 - David, RVRC Secretary, has published notifications on websites: [R/C Flight Deck](#) , RC Groups, [RC Universe](#)
 - Another event that's happening in Salem at the Civic Center is the [Blue Ridge Bike Festival](#) on father's day Weekend ! Please be aware of the extra traffic and time taken to arrive at our field.
 - Extra visiting crowds coming into the area for the Blue Ridge Bike Festival on this particular weekend (Thursday – Sunday).
 - **WE NEED A Public Address SYSTEM** if anyone know where we can get one please let the board know.

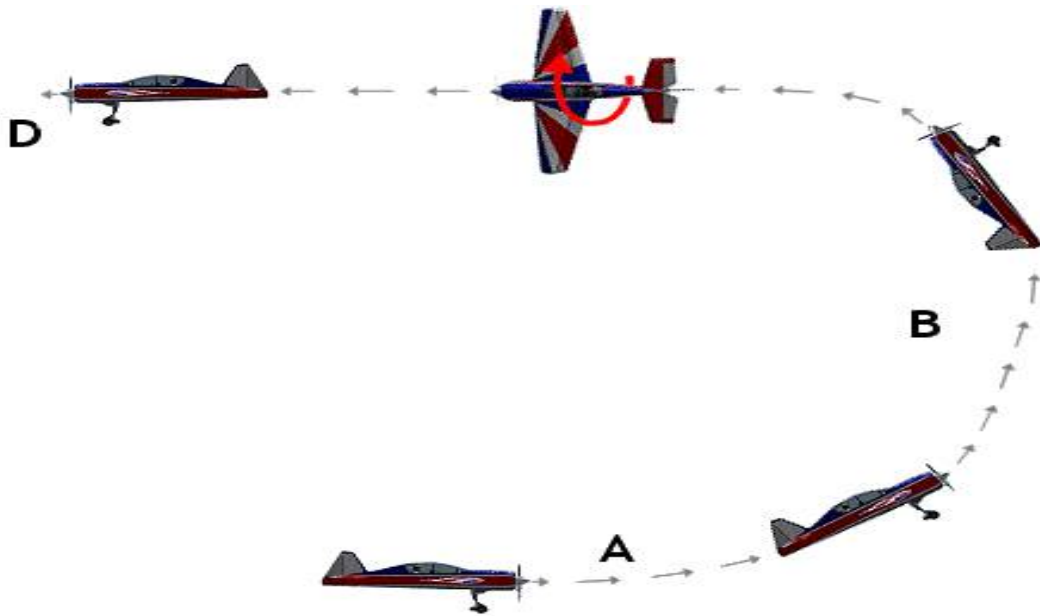
Safety Highlights:

- **Do not** use DSM2™ receivers in your aircraft !
- Be mindful of spectator' locations and their safety.
- All members *please* review the [Safety Code](#) (**WEBSITE HYPERLINKS IN BLUE**) in its entirety.

▶ Large War-Birds and Jet Pilots especially , but all pilots should, start practicing using an Immelmann Turn at the East End of the Field and Runway strip. This should be performed now so as to keep all R/C Aircraft away from the Cessna C182 Hangar and away from ALL buildings.

▶ If you don't know how to perform this maneuver ... it is explained below:

- Fly the plane straight on level flight **Step A**
- Start with 90 degree half-roll climb up using up-elevator until the plane is head back to the opposite direction **Step B**
- Keep the plane in straight and level inverted flight.
- Half-turn the plane to a normal flying position using aileron, you will now be heading opposite to the first direction but gaining higher altitude. **Step D**
- This picture shows how the Immelmann turn is done.



➤ **Pro Tips:**

- * When you are comfortable with this maneuver, start matching the speed of the half roll to the height of the half loop . If your roll is short, slow down the half roll to add symmetry to the two components.
- * A tight half loop will make the maneuver much smaller but will provide greater exit speed!

-Models of the Month:

-Don Peterson presented a Pat Fiddle short kit that he built from which he did a lot of his own interpretation from and says that it is as light as a feather! It took a lot of time to align the nodules for the motors and is powered by three 250 size electric motors. He stated that the instructions told him to use a 2-cell but when he did the motors turned and then stopped so he used a 3 cell and all was well as the motors kept turning.



Meeting Adjourned at 7:22 PM

Tidbits from the Secretary

Members,

I wish to add some insight into this sport and hobby we all love and ask for your insight as well ... not just in modeling but education also. We have a rich history in this club as it has been in existence over four decades. We have many members with talents and varied experience that I ask for those individuals if they remember instances of positive and remarkable things that have happened in our club history to please share them for submission in our Newsletter.

Sincerely, David Vietmeier

Members did you know ...

The Model of the Month submission by Don Peterson reminded me of the FORD 4-AT Trimotor Passenger Transport Airline Aircraft. Henry Ford drew inspiration from the German design of a Fokker F.VIIa-3m and in 1925 he took over a small aircraft manufacturing company, the Stout Metal Airplane Company, with the intention of widening his business interest by extending his activities into the aeronautical industry. Between June 1927 & June 1933, 194 Ford 4-AT left the assembly lines, and these airplanes nicknamed the Tin Goose, were used nearly all the major U.S. airlines and played a considerable part in the development of the vast North American system of domestic routes.

The Ford 4-AT was operated by many individuals and small airlines in countries (including Canada, Mexico, Central and South America, Europe, Australia and even China).

Performance

Max Speed 132 mph (115 kn)

Cruise Speed: 107 mph (93 kn)

Stall Speed: 57 mph (50 kn)

Range: 570 mi (495 nmi)

Ceiling: 18,600 ft

Rate of Climb: 920 ft/min

Wing Loading: 22.0 lb/(sq ft)

Powerplant: 3 × Wright J-6-9 Whirlwind

9-cylinder radial engines, 300 hp each

Crew: 3 (Pilot, co-pilot, flight-attendant)

Capacity: 8 passengers

Cost: \$42,000 in 1933 (\$702,711.29 in 2015, USD)

Length: 49 ft 10 in (15.2 m)

Wingspan: 74 ft 0 in (22.6 m)

Height: 11 ft 9 in (3.6 m)

Wing area: 461 sq ft (12.9 m²)

Empty Weight: 6,500 lb (2,950 kg)

Loaded weight: 10,130 lb (4,595 kg)



Roanoke Valley Radio Control Club Presents

WINGS OVER SALEM VII

JUNE 18TH

Location: RVRC Club Field
525 McClelland St.
Salem, VA 24153

Free Air Show

Noon Demo
Giant Scale Aircraft Demos
Full Scale Flights
Raffles & Prizes
Food Available
And much more!

Proceeds Benefit go to local
wounded Veterans



Please contact Contest Director:
Jeff Stubbs 540-354-8984
Email- cd@rvrc.org



Camping \$20
(includes Landing Fee & Security)
NO Hook-ups
Set up Begins Friday June 17th

Sponsored by
CrossRoads Hobbies
of Salem

→Pilots must have current AMA
membership.
→Pilots meeting at 8:30am Saturday.
→\$10 Landing Fee Saturday.
→Open Fly Friday and Sunday



Roanoke Valley Radio Control, Inc.

Gary Jordan	588-9969	Board Officers
Derrick Smith	(832) 472-5636	President
Jim Bowen	389-4243	Vice-President
David Vietmeier	314-8421	Treasurer
		Secretary & Newsletter Editor

Bruce Davidson	384-6760	Board Members
Richard Alexander	204-8767	Member at Large MAL & Safety Chair

Bill Morgan		Committee Chairs
Jeff Stubbs	cd@rvrc.org	Field Maintenance Chair Contest Director

Flight Instructors please contact the Board at: board@rvrc.org

The RVRC holds regularly scheduled meetings on the
1st Monday of each month at the field in Salem.

Submissions to the newsletter are welcome & encouraged—
especially any tips or hints to help fellow modeling
enthusiasts. Items wanted to buy, or for sale, are also welcome.

Please mail information to:

RVRC
Office of the Secretary
P.O. Box 241
Salem, VA. 24153

Or send your correspondence electronically to:

secretary@rvrc.org

**DEADLINE IS THE 2nd Monday OF EACH MONTH
PRECEDING PUBLICATION**

**Next RVRC meeting Monday, *May 2nd, 2016,*
at 7PM ~ RVRC Clubhouse & Airfield**