

The Flight Box



Up to the minute weather at the airfield

Letter from the President

April 2017

Everyone,

Summit Helicopters is pretty much fully operational at their building now and that has brought about a few inconveniences. Please be patient and remember that this is their Fight Base of Operations (FBO) now.

The BOD's did have a meeting with Roanoke County to see if they have any property that we could possibly use as an alternate flying site when our current field is unavailable. *The old landfill is out of the picture*, as that is owned by the Resource Authority and there are safety concerns. But Roanoke Co. is looking into other areas they have, which might be appropriate for our needs.

Green Hill Park is available for those who wish to fly electric on days where Summit may have our field tied up. Please use Green Hill facilities with the proper procedures available through the Parks & Rec. Division, **no glow or gasoline fuel powered aircraft** may be flown at Green Hill Park.

~

Gary Jordan
RVRC's President

Dispatch



Up to the minute weather at the airfield

Note from the Vice-President

April 2017

Hi Everyone !

I just want to recap a few things and give you some important news on some other items:

The Wings Over Salem (WOS) & War-Birds Over Salem (WBOS) events are in full swing in the planning stages. WOS is just around the corner and will be on the Saturday preceding Father's Day, June 16th !WBOS won't be that much far behind WOS as it is scheduled for Saturday September 16th ~ please check out the event flyers in the newsletter and on our Facebook page & don't forget mark your calendars & register on-line!!

The Board Of Directors have many things of interest planned for these events ... but we need everyone's help in making these events a success !

Also I visited Summit and spoke with John Milco and he is upset about our repeated flying over the Cessna Hangar and the corner of his building after we have told him that we as a club would change our flying pattern.

Summit informed me that they now have a contract with the US Forestry Service to provide a 10 minute launch response time for fire watches. This has resulted in Summit having a helicopter on the pad during their normal working hours and until possibly 7:30 PM. This contract is on a 2-week renewal time frame.

Summit also has crop dusting helicopters flying in for maintenance in addition to their normal work load requirements. See the pictures on the next pages.

The Board Of Director's is looking into other possible flying sites in addition to Green Hill Park, remember that Green Hill requires a Roanoke County pass to fly and is only for electrics!

~

Derrick Smith
RVRC's Vice-President

Dispatch



Dispatch



Minutes of the General Membership Meeting

Meeting called to order: 7:00pm

- 20 members present, 1 junior member (s), 0 Associate (s), and 2 guests
- a quorum (20) **WAS** met

Guests:

- Aaron Adams & wife Rachel

Reminders:

- ★ **You must be a Member in good standing, aircraft labeled with FAA & AMA#'s, along with dues current with the AMA and RVRC to fly at RVRC's Airfield !!!**
- ★ **REMEMBER THAT YOUR AMA Membership used to expire at the end of December, however this year the AMA has some members that their expiration terminates on the 31st of other months ! Also, if you haven't renewed by the end of the month preceding the month of your expiration date with the AMA you will be sent a reminder letter. If you fail to renew with the AMA then you will be ISSUED A NO FLY until you present the BOD's a valid AMA card. The club roster will be updated monthly and will be available on the website with the members by name only along with their respective club affiliation status and expiration date.**
- ★ **Summit has hung NO TRESPASSING signage & RVRC has also hung a new sign by the pedestrian walk through. There is to be NO ONE ON THEIR LAND without the express consent of Summit and we are to remind people that if they are not a club member that this is private property and they need to vacate the premise. If you do see someone please be courteous and explain to them that with the previous owners this land use to have a public access but due to the vandalism of recent that this is no longer the case.**

Reminders: (con't)

-Payment for Renewals for year 2018-2019 ~ David & Jim are working on implementation of payments on-line via PayPal for renewal registration & new member registration on our RVRC's website. The Treasurer & Secretary are in the development stage of this undertaking, however it is our goal to have this in place and ready for implementation for April 2018 time frame.

★ **UPDATE:** Due to complications this will not be implemented until after renewal period for 2017 is completed in June, our apologies.

★ Renewal Forms and New Membership Forms have been updated on the website under the Membership Information tab on the Home page.

Announcements:

-Runway Repair Day in April ... Saturday 29th, depending on the weather, **alternate date due to rain is Saturday, May 6th**. We will be repairing the cracks in the runway with an elasomeric polymer we will be splitting up in crews of two to four people and cleaning out the cracks of loose debris, installing backer rod and then pouring the polymer. START TIME IS 8:00 AM and will take until noon at which time afterwards the paved runway will be closed until Sunset of Sunday the 30th (**rain date May 7th**). The airfield will be open but there will be safety cones & CAUTION tape on the paved runway ... DO NOT ATTEMPT TO LAND ON THE PAVED RUWAY !!

-Summit will be installing another windsock on field Cessna hangar & on top of the RED ROOF building, due to the weather's high gusty winds they have not faired well this last year.

-Fly~In events have been scheduled at the February Board Of Director's Meeting

★ **Wings Over Salem** is Saturday, June 17th

★ ... click on the event name in BLUE to register on RC Flight Deck

★ **War-Birds Over Salem** is Saturday, September 16th

Announcements (con't):

-Roanoke Valley Radio Club's Fly~In events have been scheduled ...

Roanoke Valley Radio Control Club Presents

WINGS OVER SALEM VIII

**LOCATION: RVRC CLUB FIELD
525 MCCLELLAND ST.
SALEM, VA 24153**

Free Air Show

JUNE 17TH



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

Proceeds benefit go to local Wounded Veterans



AMA
ACADEMY OF MODEL AERONAUTICS

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

Sponsored by CrossRoads Hobbies of Salem

Roanoke Golf Carts

Sunbelt Rentals

RVRC

Please contact Contest Director:
Gary Jordan 540-588-9969
Email- cd@rvrc.org

Camping \$20
(includes Landing Fee & Security)
NO Hook-ups
Set up Begins Friday June 16th

WARBIRDS OVER SALEM SEPTEMBER 16TH, 2017

**FULL SCALE MILITARY EQUIPMENT
AND RIDES BY THE ROANOKE MILITARY
VEHICLE CLUB**

**PLEASE RSVP: STAFF@RVRC.ORG
WWW.RVRC.ORG OR FACBOOK RVRC.ORG**

NO LANDING FEE
FOAMY ELECTRIC BATTLE TO THE DEATH
FOOD VENDER PRESENT
PILOT MEETING AT 10AM

400FT ASPHALT RUNWAY
600 FT GRASS RUNWAY



Announcements (con't):

-Neighboring Club's Fly-In events have been scheduled ...



Smith Mountain Lake Airport Fly-In

Saturday June 10, 2017

9:00am until

Smith Mountain Lake Airport

1090 Cutlass Road

Moneta, VA 24121

AMA required to fly

All RC aircraft welcome

Make a left at the first turn before the T-Hangars and follow that taxiway around to our spot. As usual, our spot is just passed the T-Hangars where we will be setting up at 9:00 AM.

Bring Popup tents, chairs and as many different models to display there to represent our club and R/C modeling. As usual a few of us will be flying there too, in between full scale planes using the runway.



For more information contact Larry Davidson at samchamp@jetbroadband.com or www.vaaeromodelers.com



WINGS OVER D-DAY

Saturday June 24, 2017

8:00am until

VA AeroModelers Field

2348 Falling Creek Road

Bedford, VA

\$10 Pilot Fee

AMA Sanction # 664

AMA required to fly

All RC aircraft welcome

Camping and RVs encouraged

Setup Friday - Depart Sunday



**Come visit the nearby National D-Day Memorial.
Let's do this in Remembrance of those we lost as a nation!**

**For more information contact CD - Victor Tuck at bsax@cox.net or www.vaaeromodelers.com
Visit: www.dday.org for more information on the National D-Day Memorial**

Announcements: (con't)

-Referral incentive program initiated ... The proposed plan is to help increase the growth of the club membership. If you are a current voting member with the club, you qualify for the program! Sorry non-voting members do not qualify (Associate or Youth).

How it works: if you are able to bring a new member to the club and they decide to join and use you as referral, which **MUST** be written on their application, then you as the referring club member receive a \$20 gift certificate to be used at Crossroads Hobbies.

So bring your co workers, neighbors, and friends ... but there is a catch ... you will be that person's **mentor** for the following year until they renew. This will help the new recruit get their wings and learn the ups and downs & in and outs of our wonderful hobby!

The rules are that they have to sign up as full membership with voting rights, and you are only able to make one claim to this new and exciting program once per year. You are also going to be responsible, as their mentor, in as much as it is your responsibility that you will go over the rules of the club (Safety Code and By-Laws), watch over the individual on the flight line. Help teach them perform pre-flight checks of aircraft, flying, building techniques and also by sharing your guidance and experience in the hobby. This takes place until the "**newbie**" renews at the following year. By that time this person should be able to bring someone else into the club as a mentor.

-Renewals are upon us ... as a reminder the time for "Early-Bird" will expire on April 30th
\$98 early bird discount until April 30th, \$10 off normal renewal price for you as the member.

The BOD has authorized for \$50 for spouse if she won't fly but wants to support club (Associate), however if she is going to fly then she'll be a full membership at \$98.

Children are a single dollar each under the age of 19 (Youth).

Please make sure to include copies of AMA cards & a separate renewal form for each member.

You CAN print renewal forms off the website under the membership information tab just scroll down to the bottom for the link.

Reminder if dues are not received in the Treasure's hands by April 30th, (**that does not mean postmarked**) then price for membership will be at \$108 as of May 1st !!

And as of June 1st there will be a \$5 late fee totaling \$113. If dues are not received by July 1st you will have to reapply to the club which will entail \$113 plus a \$15 initiation and processing fee along with being voted back into the club.

Treasurer's Report

Prepared by Jim Bowen ~ RVRC's Treasurer
for the month of
MARCH

RVRC Treasurer's Report for Mar 2017
Prepared Apr 2, 2017

Checking Acc't	\$4,354.71
Money M'kt Acc't (as of Mar 31, 2017)	\$34,767.63
Total funds:	\$39,122.34

Income/Expense by Payee - Mar 2017

Checking Account	
3/1/2017 Beginning Balance	\$4,380.59

DEPOSITS

3/27/2017 2 RVRC T-shirts	30.00
3/27/2017 Dues and Initiation Fees	365.00
Deposits, total	\$395.00

EXPENSES

Payee:		FOR:
3/2/2017 Blue Ridge Sign and Stamp	161.63	Sign, "...Private Property..." for gate
3/19/2017 All Star Impressions	5.79	All Star Impressions
3/19/2017 City of Salem	10.00	Monthly dumpster lease fee
3/19/2017 City of Salem	41.34	Electric utility bill
3/25/2017 Little Caesars	22.24	Pizzas for clean-up day crew
3/28/2017 Hostmonster	179.88	Annual renewal, website hosting
TOTAL EXPENSES	\$420.88	

3/31/2017 Closing Balance	\$4,354.71
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Announcements: (con't)

Roanoke County requires a Yearly Pass in order to fly at Green Hill Park, application is attached in a PDF format to [here](#), on RVRC's website under the Membership tab, as well as the County's. The cost varies depending on where an individual lives; Roanoke County Residents are \$25; Non-County Resident is \$50.

FLYING AT GREEN HILL PARK WITHOUT A PASS, ACCORDING TO ROANOKE COUNTY IS CLASSIFIED AS:

“flying an RC plane without proper pass, or in a non-designated area, is a class 4 misdemeanor punishable with a maximum fine of \$250”

All of the requirements for where to fly and what the requirements are posted on a County board at the Greenfield Park located between the two fields just east of the large Polo / Soccer field and along the exit road that splits the fields, known as fields A and B.

**A YEARLY PASS IS AVAILABLE AT: ATHLETICS ADMINISTRATION FOR PARKS AND RECREATION
1206 KESSLER MILL ROAD, SALEM VA. 24153**

A photo ID badge is to be worn, while flying at the park, the park is patrolled on a regular basis by the Roanoke County Police Department.

Any RVRC Member that is referred to the BOD from Roanoke County for a Citation and / or Fine will be in violation of the By-Laws Section III Paragraph 3.01 and subject to disciplinary action !!

Old Business:

-Discussions being held on field improvement:

Fine Crush & Run to be installed for reduction of dust under canopies on First Saturday in May

Paved runway improvements ~ repair cracks & dips in order to make it more level.

- ➔ David Vietmeier, is working with a sister company of his employer that specializes in highway work for recommendations and quotes. **David, Jim & Gary met for the scheduled meeting on runway site evaluation. Just waiting on a few quotes with different options to present before next GMM.**

- ➔ BOD reviewed quotes that were submitted and believed the pricing was too high, which was brought before the GMM. An experimental runway repair on the one of the large cracks adjacent to the left most taxiway was performed looking great, smooth, bonded & set up well with the asphalt. This was performed before the GMM so that it could be reviewed by the membership & a demonstration that John A. gave on the product used "a rubberized elastomeric polymer", easy application process & its properties. A quorum vote was motioned and approved to move forward with the cost of materials to do the entire runway!

- ➔ If you have any concerns or ideas please bring them to Bill Morgan Property Chair

- ➔ SUMMIT agrees with our field improvements and gives their blessing to proceed ~ all they ask is advanced notification before activities begin !

-2017 Budget was available for the March General Membership meeting for review, BOD's discussed line items during their February meeting. No concerns were brought up about the line items. However, since a quorum was not present at the February or March General Membership meetings it went to an e-mail vote per the By-Laws.

- 📦 The Voting via e-mail was a success ...

AND the FY Budget passed for 2017-2018 - thank you !!

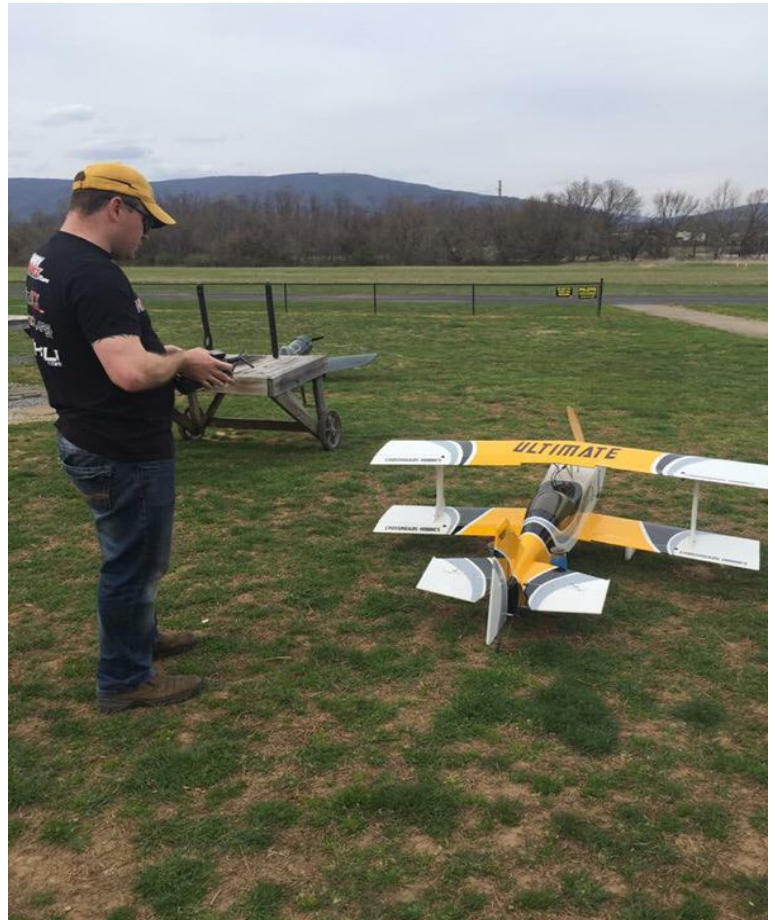
-Model of the Month:

Derrick Smith

Wild Hare Ultimate Biplane

SPECIFICATIONS

- Wingspan: 68"
- Wing Area: 1446 sq in
- Weight: 16.5 lb empty ~ 18 lb w/
Fuel & Smoke fluid tanks full
- Wing Loading: 10-22 oz/sq ft
- Length: 74"
- Airfoil: Symmetrical
- Power Plant: DLE 55 gas
- Smoke System
- Used his wife's, Jamie, Cricut™
machine to make all the custom
graphics after covering.
- Custom painted wood prop 22x8



-Model of the Month:



Thanks to Mike Fetz for his assistance in a successful maiden flight.

If you weren't there to see it ... you missed a very nice flight !!

Needless to say that Derrick was a nervous on the sticks ~

as I'm sure we all would be setting up a new plane



-Meeting Adjourned: 8:17 PM

**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.**

-Summit Helicopters, has confirmed that operations will be in full swing by December of 2016 however, they may not be completely moved in the facility across from our clubhouse during that time. They have had their Certificate of Occupancy as of the end of September.

REMEMBER there will be a lot more activity out here and on the flight line.

REMINDER ~ IF YOU SEE A BIRD OF ANY KIND (PLANE OR HELICOPTER) OR IF YOU SEE ANY PEOPLE ** DO NOT FLY !!!

♦ **PER THE PRESIDENT & THE BOARD OF DIRECTORS**,
have mandated that we do not want to put an aircraft down
anywhere near Summit's employees nor their equipment !!

-Items of Interest:

-The creation of our [FaceBook Page](#) has now over 77 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 & our hobby as a whole. The President, Vice-President, & Secretary 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 IS REQUIRED, **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.

★ Question was raised about FAA renewals ~ you will be notified from the FAA every 3 years.

Safety Highlights:

★ **By-Laws and Safety Code has been UPDATED in January on website and in hard copy !!**

-Safety Committee Reports:

- ▶ ***It doesn't matter if anyone gives you permission to fly and they're on the field DO NOT FLY as this is a liability issue !***
- ▶ From *RVRC's Safety Code* ... section **VI. GENERAL**
 - M.*** If a member is found to be in repeated violation of the AMA and RVRC Safety Codes, the member shall, at the discretion of the Board, having flying privileges restricted and/or brought before the general membership for a vote on expulsion from the Club.
 - N.*** Model aircraft may be flown every day of the week with the exception of ***Sunday mornings until 12 noon during such time no internal combustion engine powered aircraft are to be flown.*** Other scheduled events may close the field to general flying. Every effort will be made to give the RVRC membership advance notice of the field closing for whatever reason.
 - O.*** ***Flying is to cease when the lawn service is mowing the field or the hay cutters are inside RVRC's normal operating area.***
- ▶ **This applies to any persons on the airfield during all times !!**

-First Aid Kit

- ★ Due to recent events at our field we are moving the First Aid kit to the Shed under lock ... all members should have combination to the shed; if needed please see a Club Officer
- ★ We want everyone to be safe ... and please by all means use the items that you require for minor First-Aid but please let a Board Member and the Safety Committee know if something is used so that we can replenish it and have it available for the next member

Please by all means let a Board Member and the Safety Committee know if something used for the health and well being of our members needs to be corrected.

Safety Highlights (con't):

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

★ We've had many members ask, who have been at the airfield during the week mid-day ... so *please* review the above link as it is stated what the proper procedures are to be followed in certain cases !

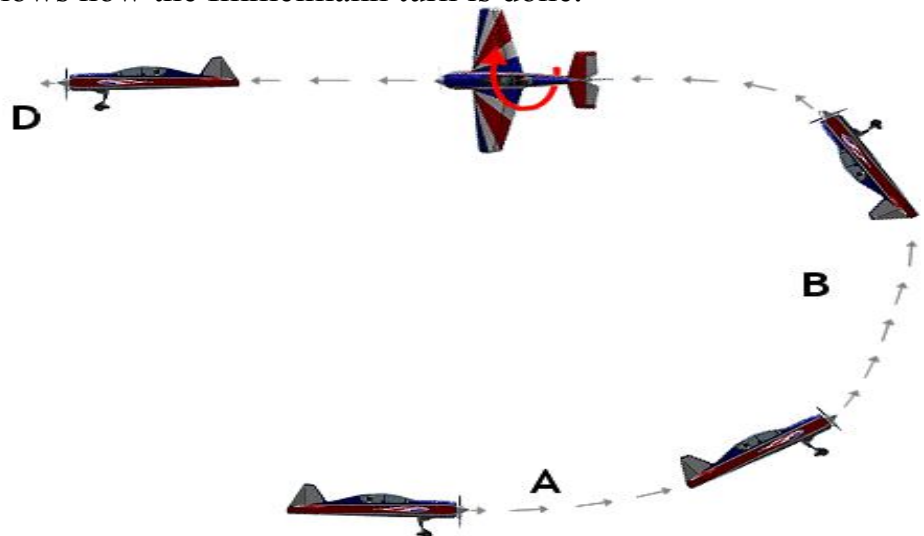
★ If there is ANY full scale aircraft or personnel on the field then there is to be **NO R/C FLYING AT ALL !!!!** This includes: Summit personnel, Mowing Crews, Salem Utilities, Salem Waste Disposal and dump truck, Port-A-John personnel and tanker truck. *It doesn't matter if they give you permission to fly and they're on the field DO NOT FLY as this is a liability issue.*

▶ **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!

Safety Highlights (con't):

-Early Warning Alert System (EWAS): REMINDER:

➔ Jim Bowen reports that: The Aircraft Warning Alert System (AWAS) is now installed and functioning at RVRC's airfield and logging properly.

- **When an incoming manned aircraft pilot triggers the system by radio, a flashing red beacon light is illuminated. The beacon is located on a pole at the fence beside our RVRC runway. The beacon can be activated any time of the day or night and will continue to flash for ten minutes once triggered. If the system is re-triggered while the beacon is flashing, the timer is re-set to end ten minutes past the latest re-triggering, extending the beacon time.**
- **During the day, from about 8:00 AM local time until a few minutes after sundown, an audible alert is also triggered at the field when the beacon is triggered. The audible alert is an alternating high-low tone that lasts for 15 seconds, is silent for 45 seconds, recurs for 10 seconds, is silent for 50 seconds, recurs for 10 seconds, then remains silent, unless the system is re-triggered.**
- **The beacon and audible alerts tell our model aircraft flyers to land immediately, as a manned aircraft is approaching with intention to land. We hope this system will improve safety at the field. Our members must remain vigilant for manned aircraft, however, because not all the Summit helicopters have radios. Our members need to land immediately whenever a manned aircraft approaches the field, whether or not the AWAS system is activated.**
- The system also keeps a log of the times of the alert events, to help in diagnosing any problems that may occur.
- **Approach Flight Pattern** we have details on an approach vector and fly by from Summit's meeting ~ details are that Summit's pilot's intentions:
Circle the field, signaling the AWAS, then come in for approach from the South to the West ... meaning we need to land our R/C aircraft ASAP !!
- ➔ 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 !!

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 ...

There are several ways to enjoy our hobby; as long as you are having fun and are safety minded conscience then you can ask for no more than the excellent camaraderie of your fellow pilots at the field !

Many of us enjoy Electric power plants which are most likely to be found on 1/6th scale and below. But a great many of us are using glow or gasoline engines as a “more” powerful option.

Here are a few videos from Hobbico that shows some tips and tricks on setting up and minor repairs that can be performed on a DLE gasoline style of engine, which many of our pilots have at the airfield. Enjoy ... click on the blue weblink to view the video.

[DLE Prop Dilling](#)

[DLE Engine Starting](#)

[DLE Engine Repair](#)

WINGS OVER SALEM & WAR-BIRDS OVER SALEM



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

Richard Alexander	204-8767	Board Members
Don Hepler	597-7670	MAL & Safety Chair
		Member At Large

Bill Morgan		Committee Chairs
Mike Fetz		Field Maintenance Chair
		Safety Committee Member

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:

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

secretary@rvrc.org

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

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

Next RVRC meeting Monday, *May 1st*, 2017,
at 7PM ~ RVRC Clubhouse & Airfield

Up to the minute weather at the airfield