



## August 2025 Edition

### President's Corner: Gordon Collyer



#### CMB at the Culpeper National Night Out

CMB members Bill Crone, Nic Burhans and David Dix are shown here (picture by GC) staffing the CMB booth at the Culpeper National Night Out the evening of August 5<sup>th</sup>.

Our theme was battery safety, and one fire fighter (not from Culpeper) did own up to needing better storage for the families RC toy batteries. So, we may never know if one or more houses didn't burn because we had a voice at this event. Also, we made several contacts with folks interested in the Club and found some possible interest from another organization in CMB offering one or perhaps

several youth focused RC presentations over the coming winter.....stay tuned.



*Gordon*



## ***President's Pilot Box:*** Gordon Collyer

### **Culpeper Parks and Recreation Night Halloween Candy Hunt**

Parks and Rec. will again be sponsoring a Halloween Candy Hunt at the Culpeper Recreation Complex near Eastern View High School.

The event is on Friday October 17<sup>th</sup> (rain date 10/24) from 6:00 to 8:00 PM with an estimated attendance of 2,000. This year the Candy hunt will be on the southern soccer fields along Green's corner road which will potentially free up the football fields to the east for continuous park flyer demo flying. David Dix suggested that a night-flying light demo/show might be possible, and the P&R staff were enthusiastic about this idea.

I am looking for an event/team leader to pull this together for the club and 3-5 participants depending on the finalization of the flying location and the resolution of the night flying opportunity.

- No additional Club specific items this month.

*Gordon*

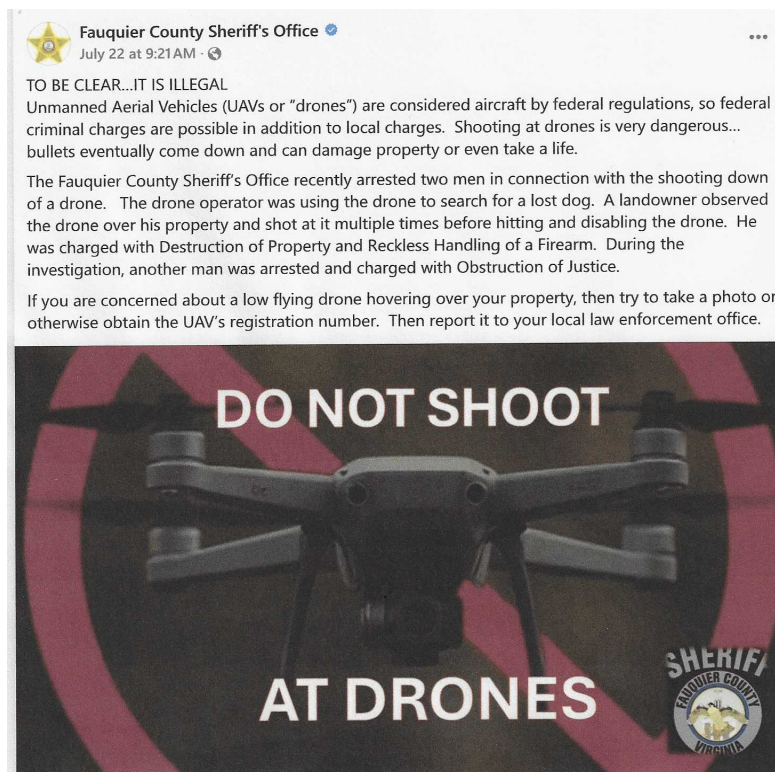
## **Vice President's Pilot Box:** Jim Restel

- No Club specific items this month.

*Jim*

## ***Secretary's Pilot Box:*** Nic Burhans

- Yes, the Sheriff Departments are aware:



- Remember: It is very important that you have your FAA card and TRUST card with you in hard copy or digital form on your cell phone.

- CMB Club Calendar:

The updated 2025 Club calendar has been sent out to all Club members and posted on the Club website.

- Upcoming 2025 events:

**September 13 Saturday**

**CMB Buddy Box Training day @ Lenn Model Airpark All Day  
Gordon Collyer @ [gl.collyer@gmail.com](mailto:gl.collyer@gmail.com)**

October 4	Saturday	CMB Club Meeting@ Lenn Model Airpark 2026 CMB Board Nominations Open Until 1 Dec. (Rain Date 5 October)	1:00 PM
October 8-9	Wed-Thur	Culpeper Airfest STEM Days / static displays CD: Nic Burhans <a href="mailto:npb6218@earthlink.net">npb6218@earthlink.net</a>	8AM-3PM
October 11	Sat	Culpeper Airfest static display / air show CD: Nic Burhans <a href="mailto:npb6218@earthlink.net">npb6218@earthlink.net</a>	7AM-4PM
October 18	Saturday	CMB Buddy Box Training day @ Lenn Model Airpark Gordon Collyer @ <a href="mailto:gl.collyer@gmail.com">gl.collyer@gmail.com</a>	All Day
November 4	Tuesday	State/Local Election Day	All Day
November 8	Saturday	CMB Buddy Box Training day @ Lenn Model Airpark Gordon Collyer @ <a href="mailto:gl.collyer@gmail.com">gl.collyer@gmail.com</a>	All Day
November 30	Sat	2026 CMB Board <u>Nominations</u> Close	
December 1	Sun	CMB 2026 Board <u>Election</u> Starts	Until 10 Dec.
December 6	Saturday	Joint CMB and FARM Christmas Party	6:30-10 PM
December 14	Sunday	Club Annual Meeting @ Lenn Park Pavilion Club swap meet 11-12 am 2026 CMB Board Election <u>Concludes</u> at 12:01 pm Club Annual Meeting 12:01-1:00 pm	11am-1 pm
December 14	Sunday	CMB Club Fly @ Lenn Model Airpark Club Fly Day #4 Fun Fly, Pilot Training, and Flight Checks all afternoon	1pm-until

Remember to Be SAFE and cool

*Nic*

### ***Treasurer's Pilot Box:*** Nic Burhans

- As of 14 August, the Barnstormers have 49 members. (18 Regular members, 28 Senior members, 2 Junior member, 1 Associate member, and No Life members).
- As of 14 August, the Club has a balance of \$4,131.71 in the general fund.

Be Safe and stay hydrated

*Nic*

### ***Safety Officer's Pilot Box:*** Ernie Padgett

#### **The Usual Suspects**

Do you remember the famous quote from the movie "Casablanca"? The quote by the police captain, when he says "Rond up the usual suspects"? The idea engendered by the quote is that of a stylized approach; an approach in which we all know there won't be anything new discovered; we're just going through the motions,

doing the “same old, same old” and we’ll get the usual, and worthless, result we got last time. And, the time before that. And, the time before that.

Well, that’s how I usually feel whenever we have anything resembling work going on at the CMB Club; or ever our sister club, FARM. I show up for the work party or the meeting and I see the same old faces; the same people I’ve see for the past 10 or 15 years. The only time anything changes is when someone dies or becomes temporarily, or permanently, infirm. Otherwise, we just keep trucking along; with the same people doing all the work and all the business of the club. And that, although it has been going along for quite a few years now, simply cannot continue. And believe me; when something cannot continue, it won’t.

There is another old saying that comes to mind: “Ten percent of the people do 90 percent of the work”. Well, we now have a bit less than 60 members of the CMB club. And, about the same, roughly, at FARM. That would mean approximately 6 people are doing all the work of each club. And since I can’t remember any time we’ve had more than a handful of people working at the same time, or even attending the club meetings, that seems about right. I know, the younger club members are still working. They have jobs. And, they have children and families that need time and attention. And sure, the older members are, in the main, retired. That means they have plenty of time on their hands and they’re all looking for something to do, right? Well, not really. Not even close.

The simple fact is the people who are doing all the work now are the same people who were doing all the work ten years ago. And, in some cases, 17 years ago. Or even longer. And some of us are really struggling to keep the clubs going. None of us could, by any stretch of the imagination, be considered as being in the prime of life. I can’t speak for everyone, of course; but my “prime” was several decades in the past. I was doing a lot of work with volunteer groups before some of our members were born. And I am not the only member of the club leadership whose is beginning to struggle with things that used to be easy. We need help!

If CMB and FARM are to continue, there has to be a change. The Old Guard can keep going for a few more years. But I think we have all fairly and completely earned the right to say “It is time for some new blood to step forward and at least help out now and again”. If you enjoy this hobby of ours, then it’s time to step forward. You don’t have to do anything special, or anything really hard. But you do have to do something. Thanks;

- No Club specific items this month.

*Ernie P.*

***Field Marshal’s Pilot Box:*** Bobby Hurst

- No Club specific items this month.

*Bobby*

***Member at Large Pilot Box:*** Al Hampton

- No other Club specific items this month.

- See below from the field.

*Al H*

***Member at Large Pilot Box:*** Bill Pratt

- No Club specific items this month.

*Bill P*

***Member at Large Pilot Box:*** Bill Towne

- No Club specific items this Month.

*Bill 7*

## ***Member at Large Pilot Box:*** Jay Zompanti

- No Club specific items this Month.

*Jay Z*

## ***Training Officer's Pilot Box:*** Gordon Collyer

- No Club specific training items this month.

*Gordon*

## ***Web Master's Pilot Box:*** Dick Sutton

- No Club specific website items this Month.

*Dick*

## ***"CMB Tips and Projects Jar":*** All CMB Members

### **Drone Flight Controllers Explained**

The drone flight controller knows where it is at all times. It knows this because it knows where it isn't. By subtracting where it is from where it isn't, or where it isn't from where it is, whichever is greater, it obtains a difference or deviation. The flight controller uses deviations to generate corrective commands to drive the drone from a position where it is, to a position where it isn't, and arriving at a position where it wasn't, it now is. Consequently, the position where it is becomes the position that it wasn't, and it follows that the position that it was, is now the position that it isn't. In the event that the position that it is in is not the position that it wasn't, the system has acquired a variation. The variation being the difference between where the drone is and where it wasn't. If variation is considered to be a significant concern, it too may be corrected by the flight controller, however, the drone must also know where it has been. The flight controller software works as follows: Because a variation has modified some of the information the drone has stored, it is not sure just where it is. However, it is sure where it isn't, within flight path statistics, and it knows where it was, however subject to a lesser uncertainty. It now subtracts where it could be from where it wasn't, or vice versa, and by differentiating this from the algebraic sum of where it might have been and where it was, it is able to obtain the deviation and its variation which is called error. This error is either acceptable and the drone continues to where it possibly will end up, or unacceptable. An error becomes unacceptable when the difference between where it may be, and where it ought not go becomes large enough to motivate the operator to return the drone for a refund, but only if the flight has terminated without a significant number of parts that are different from the number of parts indicated in the assembly diagram, and the original packaging can be reused. (adapted from unknown)

Gordon Collyer

- No other inputs this month.

## ***Member "From the Field" Anything Input Box:*** All CMB Members

### **LOWCRC Update – A Year of Growth and Gratitude**

Hello friends,

This year has been nothing short of exciting for the Lake of the Woods Community RC Club (LOWCRC). From the very start, the support and encouragement from the Culpeper Model Barnstormers has been a driving force in helping our young club take flight—both literally and figuratively.

Many of you have offered great advice, lent a hand at events, and even made time to join us in person. I've learned a lot—like making sure we have something to keep kids engaged during classes (which, as it turns out, often sparks the interest of their parents and grandparents too!). While some early events had smaller turnouts than hoped, word about LOWCRC is spreading quickly. We've now had three published articles in the Lake Currents (the Lake of the Woods community newsletter) and were mentioned in another—helping more residents discover the hobby and our mission. As I've shared the vision for a family-friendly, beginner-focused RC club, I've been met with overwhelming enthusiasm from the community. This has led to wonderful



opportunities—building friendships with our acting General Manager, Fire Chief, and Head of Security, participating in the hugely successful National Night Out, joining the Pools and Activities Committee, and even being invited to speak at the upcoming Fall Festival in October.

With your blessing, we've also welcomed potential new members to the CMB field for Buddy Box Day—at least one is seriously considering joining CMB. It's proof that our clubs working together can inspire a wide range of people, from college-bound teens exploring aviation careers to retirees discovering a hobby they didn't even know existed.

It's been exhausting at times, but deeply rewarding. I believe we're building something that will outlast us all—a thriving group of enthusiastic RC pilots keeping the skies busy for years to come. Thank you again for your wisdom, encouragement, and unwavering support. My success here is truly a reflection of the foundation you've helped lay.

Have an awesome August—and as always, be and fly safe.

Al Hampton



- Reminder from the Virginia State Police:



Virginia State Police  
December 23 at 2:07 PM · 🌐

Getting or giving a drone this Holiday Season? Make sure you "COMPLY BEFORE YOU FLY."

HAVE YOU:

1. Registered your drone (if it weighs .55 lbs. or more) with the FAA's Drone Zone?
  - a. If so... is the registration number visibly displayed on the outside of your airframe. The only exception to this rule is drones that weigh less than .55 lbs. (250 grams).
  - b. If not.... Failure to register your drone and flying in the National Airspace could result in criminal charges and/or fines.
2. Obtained the appropriate license?
  - a. You must obtain a T.R.U.S.T. Recreational Pilots license if you're going to fly for fun— (don't worry it only takes a few minutes & it's free to take online), OR
  - b. You must obtain a Part 107 Commercial Drone Pilot's license if you're going to fly for compensation or to promote a business or non-profit.
  - c. The licensure requirement applies to all drone operators regardless of the drone's size or weight. Information on licensure can be found on the FAA's Drone Zone.
3. Ensured your drone has a built-in Remote ID?
  - a. As of September 16, 2023, all drones that must be registered with the FAA must comply with the Remote ID rule as well.
  - b. The specific Remote ID data the drone needs to broadcast from takeoff to shutdown includes drone ID, drone location and altitude, drone velocity, control station location & elevation, time mark, and any emergency status.
  - c. All drones manufactured after September 16, 2022, were required to have Remote ID built in (but if you're not sure--consult your drone manufacturer).

While you're flying you must be in possession of the appropriate license and your drone registration which you are required to present to law enforcement upon request.

Important things to remember for operating a drone:

1. Find an open space for your initial flights to give yourself plenty of room to learn and develop your piloting skills.
2. Keep the drone within your visual line of sight and/or use a visual observer who is co-located (physically next to) and in direct communication with you.
3. Give way to and do not interfere with other aircraft.
4. Fly at, or below, 400 feet in Class G (uncontrolled) airspace. Fly at, or below, FAA-authorized altitudes in controlled airspace (Class B, C, D, and surface Class E designated for an airport) only with prior FAA authorization by using LAANC or FAA's Drone Zone
5. Anyone flying a drone in the U.S. National Airspace System (NAS) is responsible for flying within the FAA guidelines and regulations. That means it is up to you as a drone pilot to know the rules.
6. Do not operate your drone in a manner that endangers the safety of the national airspace system.

If you have questions, reach out to your local Public Safety drone team or recreational hobbyist group.

<https://faadronezone-access.faa.gov/#/>

[https://www.faa.gov/.../gett.../where\\_can\\_i\\_fly/airspace\\_101](https://www.faa.gov/.../gett.../where_can_i_fly/airspace_101)

[https://www.faa.gov/uas/programs\\_partnerships/data\\_exchange](https://www.faa.gov/uas/programs_partnerships/data_exchange)

Nic Burhans



- FYI:



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# FARM PATTERN CONTEST AND SPA EVENT



September 13-14, 2025

Event Sponsor:

Fauquier Aero Recreation Modelers

Event Category:

RC Aerobatics

Event Class:

Class AA

Description:

FARM Club Pattern and SPA Contest. ( JSO) and also plan to run a SPA (Senior Pattern Event) with the pattern contest as a separate event, (classic pattern planes, retracts, pipes or 6S Batteries allowed). Campers are OK but no hook ups.

Event Website:

<http://www.farmclubrc.com>

Special feature: Kirk Wicker's Aircraft- come see!

Event Contact:

DONALD SZCZUR

Contact Information:

[dszczur@verizon.net](mailto:dszczur@verizon.net); or Nic Burhans [npb6218@gmail.com](mailto:npb6218@gmail.com)

Site Detail:

5350 Savannah Branch Rd, Bealeton, VA, 22712-7234 ( 38.528985, -77.736369 )  
[Get Directions](#)

Pilots Meeting 9:00 a.m.  
Group photo of SPA planes at Noon







Nic Burhans



#### CMB CLUB 2024 OFFICERS

President. . . . .	Gordon Collyer	540-547-4117
Vice President . . . . .	Jim Restel	540-718-6617
Secretary . . . . .	Nic Burhans	540-219-9646
Treasurer/Contact Point . .	Nic Burhans	540-219-9646
Safety Officer . . . . .	Ernie Padgett	540-439-6085
Field Marshall . . . . .	Bobby Hurst	501-766-7349
Webmaster. . . . .	Dick Sutton	<a href="mailto:rsutton43@comcast.net">rsutton43@comcast.net</a>
Training Coordinator . . .	Gordon Collyer	540-547-4117

The CMB Newsletter is published monthly by the Culpeper Model Barnstormers, AMA charter #4894. It is forwarded to CMB members and to other clubs on an exchange basis. Articles related to all types of aviation are welcome. Opinions expressed in the newsletter articles are those of the individual author and do not necessarily reflect those of CMB Inc.

Publishing input deadline is the 2<sup>nd</sup> Tuesday of the month. Please forward all inputs (Pictures in jpg format) to: Nic Burhans

6061 Captains Walk E-Mail: [npb6218@earthlink.net](mailto:npb6218@earthlink.net)

Broad Run, VA 20137-1959

540-219-9646

Our Club web site is: <http://www.cmbclubrc.com>