



Plane Paper

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Notes from the President

Ted Forman

Club President

I'd like to cover a few important topics about our club in advance of our important March Club meeting.

Dues

Last year, we voted to set Family and Individual Membership dues to \$25. It's February, and time to send in your dues! **Dues are Due!**

EAA Membership

Last year, all members present – in person and on Zoom – voted to rejoin EAA to give us national exposure, generate additional membership, and provide liability insurance for fly-ins that we sponsor as EAA fly-ins. We are continuing, and will finish that process with your help.

A while ago, I sent you a copy of our bylaws and asked you to review them so that we can:

- Address any concern that you have.
- Vote on – and approve – the bylaws as a part of the joining process.

Please join the meeting by phone or on Zoom to vote.

Our First Fly-In

We have already planned the first of our summer Fly-ins and **free Pancake Breakfast** for May 15th at Baugher's Orchard Airport [\[07MD\]](#). All of the details are in this Newsletter. All members and guests are welcome, by air or car. Please come, conditions permitting.

The CALF Meeting Minutes

February 3rd, 2021

Brenda Nivera - Secretary

The meeting was called to order via Zoom Video Conferencing at 7:05 pm by our club president, Ted Foreman. There were 12 people who eventually logged on and participated in the meeting.

Treasurer's Report

After more than 30 years of being CALF Treasurer, Bob Warriner gave his final two reports; for December 2020 and the entire year. The bottom line is that we had very few expenses, so we still have a very positive balance. That means more opportunities to expand or do new things.

Monthly Summary

December 1, 2020 through December 31, 2020

Cash Receipts

Date	Payer	Description	Amount
11/07/20	R Margulis	2021 Dues	20.00
10/05/20	J Mason	ADixon Memorial	20.00
10/04/20	M Bishton	ADixon Memorial	20.00
12/07/20	M Bishton	Club Contribution	34.08
12/07/20	M Bishton	2021 Dues	20.00
12/31/18	Ed Sys Fed Cr	Un Dividend	00.03
Total Receipts			\$ 114.11

Cash Disbursed

Date	Chk#	Payee	Description	Amount
12/07/20	..	Credit	M Bishton ... Stickers and Stamps..	\$ 99.08
Total Disbursed				\$ 99.08

Statement

Date	Description	Amount	
12/01/20	..	Opening Balance Checking	\$ 1,855.06
		Opening Balance Savings	1,369.94
		Receipts	114.11
		Disbursed	-99.08
		Closing Balance Checking	1,895.06
		Closing Balance Savings	1,369.97
12/31/20	..	Total Funds	\$ 3,265.03

2020 Year End Summary

Date	Description	Amount	
12/01/19	..	Opening Balance Checking	\$ 1,617.88
		Opening Balance Savings	1,324.54
		Receipts	946.43
		Disbursed	-623.82
		Closing Balance Checking	1,895.06
		Closing Balance Savings	1,369.97
12/31/20	..	Total Funds	\$ 3,265.03

Membership Report

We really don't have current numbers for club membership, because most people haven't paid. If you haven't done so then please pay your 2021 membership dues NOW. \$25 for a Individual membership, and \$25 for Family membership. Michael is working to be able to pay everything on-line in the near future. In the meantime, membership checks can be sent to CALF's **temporary** treasurer:

Capital Area Light Flyers
 Michael Bishton – Membership
 6020 Walhounding Rd
 Bethesda, MD 20816

Old Business

The following topics were raised as old business.

CALF T-Shirts

There are 8 large, 4 medium and 2 small still available for sale for \$25. Contact **Ted Forman** if you're interested.

First Fly-In

-First Fly-in Of the season will be a Pancake Breakfast on 05/15/2021 at Baugher's Orchard, Westminster, MD from 8am-12pm.

(Re)Joining EAA

Our EAA application as a provisional ultralight chapter has been accepted. We are getting our original **Ultralight Club #20** designation back. We're still in need of obtaining our EIN, and developing and adopting our own bylaws. To refresh your memories, we had voted for this in the Fall so we can utilize the available resources offered by the EAA which includes prompting our club as a social club and obtaining insurance for fly-ins.

New Business

No new business.

Guest Speaker Presentation

Michael Bishton

Interesting Ultralight and Electric Racer

Michael Bishton showed two YouTube videos that illustrate more sophisticated Ultralight and multi-rotor aircraft that are available or coming soon.

Ultralight Merlin Lite

The Merlin Lite is manufactured and sold by [Aeromarine-LSA](#), located at South Lakeland Airport in Mulberry, FL, available ready-to-fly for \$35,000 complete as pictured. Michael said that this Merlin Lite is about as close as you can come to flying a Light Sport aircraft without actually flying one. Aeromarine-LSA also sells the Merlin LSA (along with other aircraft brands that it has acquired). The Merlin LSA cruises at 120 mph; twice the speed of the Lite.

Michael Played a [YouTube](#) video <https://youtu.be/BeMjJbo2yv4> that talked about the Merlin Lite's flying characteristics. Even with the single cylinder 2-cycle Polini Engine (used by PPG Pilots), it wanted to fly faster than the Part 103 Ultralight allowable 63mph.



Merlin Available with Complete Instrument Panel and Ballistic Parachute, ready to fly. Note the Artificial Horizon Compass!



The fully Enclosed Ultralight Merlin with Front Cowling Off to Show Single Cylinder 2-cycle Polini Engine

The Groundbreaking DCL Manned Drone

Michael Showed a [YouTube](#) video <https://youtu.be/kXf03cfm2x4> of a 12-rotor racing drone that started as a video game, then moved on to real-life drone racing. The game owners decided to explore making one that would carry a person! This video shows the result of that exploration; a fast, fully aerobatic racking drone that can flip and spin (and make the pilot hurl!).



A Person on the Ground Controls the Manned Racing Drone.



Would flying upside-down like this turn you inside-out?

Steve Bateman commented that a “manned drone” was an oxymoron. **Michael Bishton** agreed, but also pointed out that if the person in the drone also held the controls, (s)he would be piloting it.

Steve Bateman added the AOPA has been working with the military with their enhanced virtual reality training and showed some examples. It could be a very interesting future presentation to the Club!

Michael commented that we are at the dawn of so many innovations coming online in aviation at all levels; not just at the “bottom” end of the aviation spectrum. He showed the link to a [YouTube](#) video <https://youtu.be/E38cc-4TvX8> titled *Celera 500L - an Egg with Wings or a Revolution in Aviation?*



Two Pictures of the Celera 500L Before and During a Test Flight

The Celera 500L has *amazing* performance characteristics! It has a turbocharged 550 hp V12 piston engine running on jet fuel that drives it at 400kts (460mph), with a burn rate that yields 18 – 24mpb and range of about 4,500 miles. That is a longer range than a Boeing 737 or Airbus A310. The performance is comparable to a private jet, at a fraction of the cost; \$330 per flight hour, compared to thousands per hour for a private jet. It uses a laminar flow wing with a thin cross-section; more like a glider wing than an airplane wing.

Closing Comments and Remarks

Ted asked whether anyone had anything they want to share, whether it's a video/website/etc, to please feel free to add it to our virtual meeting.

- **Bob Warriner** and **Chuck Popenoe** shared memories from the '70s, when **Chuck** was a sales representative for the Kasperwing, and **Bob** went with him for a number of years to Sun-n-Fun in Florida to demonstrate and sell them. **Chuck** still has a flyable KWing that he keeps in his hanger at Mexico Farms [1W3] and still flies on occasion. **Bob** has two that he no longer flies.



A Picture of the Cascade Kasperwing at Oshkosh from [Wikipedia](#)

- **Jack French** is a pioneer in UL aviation, and shared stories of attending Sun-n-Fun in '76 and Oshkosh in '79, when ULs ruled!
- **Tom Cline** shared a story of flying a Canadian Beaver UL which he described as a "witch on a broom" because of its design constructed on a long boom. **Michael Bishton** told **Tom** that he owned one and that Tom could fly it after it was restored.
- It was mentioned that **Sun-n-Fun** and **Oshkosh** will be occurring this year!
- Thinking about our 4th of July Fly-in at Betty Eyer's. **Michael** raised the notion at doing a combined fly-in at both Betty's (for the PPG's) and at **Harrisons** (with a pig roast, campers, fixed wing). The two fields are just 3.6 miles by air and 4.9 miles (10 min drive) by land. We're trying to reinvigorate our fly-ins!

Meeting Adjourned

The meeting was adjourned at 8:21pm.

Next Meeting: March 3rd 2021

March Zoom Meeting starts at 7:00 pm. Invitation coming soon.

Meeting Agenda Items

- Discussing and voting on the CALF Club bylaws.
- Can CALF create its own big regional fly-in like Shreveport North used to be?
- In the recent absence of cell phone Hot Spots, should we get WiFi for the Club Hanger at Betty's to support live streaming for the Monthly meetings and ground school classes?
- Traveling with **Ricardo Trujillo** and **Bruce Miller** from their home airports to First Flight in North Carolina, and back again!
- Time permitting, we will play **The (Flying Facts) Hunger Games**. Have fun. Play along. See what you know.

EAA UL 20 Summer Fly-In Schedule

Ted Forman

First Fly-In and Others

We are planning to open up our Fly-In season with a "bang," starting at Baugher's Orchard Airport (where I am the Airport Manager). Here is our current schedule, subject to weather, etc.

- May 15 Baugher's Orchard Airport [07MD] (**details below**)
<https://skyvector.com/airport/07MD/Baugher-s-Orchard-Airport>
- June 19 Shreveport North Airport [62PA]
<https://skyvector.com/airport/62PA/Shreveport-North-Airport>
- July 04 Eyer's Field. Not on Charts. Click [here](#) for map to location.
- Aug 14 Flying H Farm Airport [8MD5]
<https://skyvector.com/airport/8MD5/Flying-H-Farm-Airport>
- Sept 18 Shoestring Aviation Airfield Airpor [0P2] [OP2 - Shoestring Aviation Airfield Airport | SkyVector](#)
- Oct 16 Keymar Airpark Airport [MD42]
<https://skyvector.com/airport/MD42/Keymar-Airpark-Airport>

Details on Baugher's May 15th Fly-In

Pancake Breakfast – 8:00 am – 12:00 noon

Pancakes, Sausage, Coffee, and Soft Drinks provided. Ultralights, Light Sport, PPG, Cars, Motorcycles all Welcome.

If you are driving:

Street Address is: 1236 Baugher Road, Westminster, MD 21158

Click on this [link](#) to open Google maps. Put in your starting point and the software will navigate you to the Fly-In.

If you are flying:

- Aircraft & Pilot must be capable of landing on and taking off from a 1,000 ft Grass Runway with Inclines.
- Runway Outlined with White Buckets.
- Baughers is two miles West of Carroll County Airport.
- CTAF 123.45
- For more details, consult Baltimore / Washington TAC or:
<https://skyvector.com/airport/07MD/Baugher-s-Orchard-Airport>
- Runway runs North / South; 19 and 01.
- Contact: Ted Forman - 443-821-9192 with any questions.



Capital Area Light Flyers Club

About CALF Club

The Capital Area Light Flyers Club is an Ultralight and Light Sport club serving the Baltimore and Washington Area, affiliated with:

- The Experimental Aircraft Association as [EAA UL #20](#).
- The US Ultralight Association as [USUA Club #4](#).

You can also find us on [Facebook](#).

Click on the above links to learn more about our affiliations.

Club Officers

President	443-821-9192	Ted Forman
Vice President	304-761-4523	Bruce Miller
Treasurer	301-320-9542	Michael Bishton
Secretary	Brenda Nivera
Newsletter Editor	301-320-9542	Michael Bishton
Newsletter Publisher	Ron Dixon
Membership Chair	301-320-9542	Michael Bishton
Safety Officers	Norman "Peanut" Pyles

Plane Paper Newsletter

Plane Paper is published monthly by the CALF – Capital Area Light Flyers Club. The Editor reserves the right to edit articles submitted to *Plane Paper* for publication. Content is not edited; however, the format may be altered to conform to the rest of the publication.

CALF Club Meetings

Regular club meetings are held the first Wednesday of each month at one of the member's home/hangar. Potluck starts at 6:30 pm. Meeting starts at 7:00 pm.

Membership

Membership is open to anyone who wants to join and participate in Ultralight and Light Sport flying. Starting in 2021, the membership fee is \$25 per year for individuals or family. Click [here](#) to download a membership application form and follow instructions.

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To add or remove Ads from this sheet, please call Bruce Miller 304-761-4523 or e-mail BruceMiller730@icloud.com

Wanted:

(None at the moment)

Services:

Light Sport Flight Review in Your Aircraft. Years of experience training and flying in a wide range of Light Sport Aircraft.

A & P for all types of Light Sport and Ultralight Aircraft.

Contact: *Dan Wroe* - 410-991-5514 - skid_wroe@yahoo.com

PPG USPPA Instructor - At Shoestring Airport [0P2], Stewartstown, PA. ParaFlight LLC <https://www.paraflightnc.com/>

Contact: *Brian Goff* - 703-963-7389 - spin2329@gmail.com

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Contact: *Patrick Morgan* - 443-765-1183 -

patriotfabricationusa@gmail.com

For Sale:

Property:

(None at the moment)

Assembled Aircraft / Kits / Parts:

(None at the moment)

Other Items:

(None at the moment)