

# UPDRAFT

Newsletter of EAA106  
Greater Boston Chapter

We Build  
Airplanes!

**November 2020  
Volume 48 Issue 11**

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## **EAA 106 November 2020 Meeting**

**Friday, November 13<sup>th</sup>, 7:00pm**

### **High Speed Passes & Low Altitude Turns My Experiences as a Crop Dusting Pilot**

Meeting Program

All about Training, Field patterns, Field flaggers  
& Ag GPS, chemicals, weather, risks, and the  
future of Crop Dusting.

Presented by Louis Christie, Crop Duster, EAA106  
Member, and a RV-7 builder.

Join in via Zoom: <https://brandeis.zoom.us/j/95558952856>

FAA Wings Credit:

[https://www.faasafety.gov/SPANS/event\\_details.aspx?eid=102536](https://www.faasafety.gov/SPANS/event_details.aspx?eid=102536)

More upcoming events on our Chapter calendar:

<https://chapters.eaa.org/ea106/calendar>

### **Youth Programs**

**EAA is rolling out new Youth Programs – see details and volunteer opportunities on page 5**

## President's Corner

We've been in COVID mode since mid-March. At the last meeting we had in-person, on March 13<sup>th</sup> we practiced no-contact greetings, thinking what was how we'd have to proceed through the year. Little did we know...

In the ensuing 7 months we've been holding meetings, seminars, and project visits online.

We've seen some interesting workshops, talked about flying drones for a living, learned what it is like to fly gyroplanes, and partnered with the FAA for a webinar on flying tailwheel aircraft.

What next? For the November Chapter gathering we'll talk about flying crop dusters.

After that I'm not sure – we're working on it.

More importantly, what would you like to see for Chapter meeting topics? We'd love your input. Even better, if you have a friend,

colleague, or contact that you think could give the Chapter a great aviation related presentation we'd like to hear about it.

It looks like we'll be having virtual meetings for several more months. Some of you noticed my typo in the last newsletter – the City of

Lawrence is not allowing public gatherings through the end of the year. I think that might get extended since Massachusetts just shifted back a step or two in their reopening plans.

So, help us plan the next few months of Chapter 106 activates – take the survey at this link: <https://forms.gle/bzr8ACRthV7ax3jy6>

It will only take you a few minutes to fill in 16 quick answers.

- Ed Masterson

## Monthly Trivia

Last month we asked when was EAA 106 established? The answer is on our website.

That's where our key chapter documents are kept.

## Hangar Section

Hey folks! Now is the time to nominate your favorite Chapter member for the position of Hangar Manager. Call or send a note to any of the Chapter Officers with your nomination!

**Last Meeting** – Our October was on Icing. Ken Knopp, Chapter Member, Mooney owner, and FAA Deputy Regional Administrator gave an excellent rundown on icing impacts of flying general aviation aircraft. We all know that icing affect the performance of aircraft and Ken showed us exactly how this happens and how bad it can get. The key messages included get any frozen contaminants off your airplane before you go flying and if you get icing in flight get out of it immediately. Most pilots know this, or at least learned it at one point or another in their training, yet people continue to play Russian Roulette with icing and get in trouble. Ken covered several interesting areas of icing including difference with freezing rain, where in clouds icing is worst, and what temperatures water droplets actually freeze at. This meeting was recorded and will be available for a short time at <https://chapters.eaa.org/ea106/flyers-page>

## **Renew Your Membership With EAA Chapter 106**

Early Renewal Special - As usual, we have a 20% discount on dues if we receive your dues by Dec 31. Pay on-line or by check, but if by check, please mail by Dec.23

Individual: Before midnight Dec 31: \$20 (normally \$25)

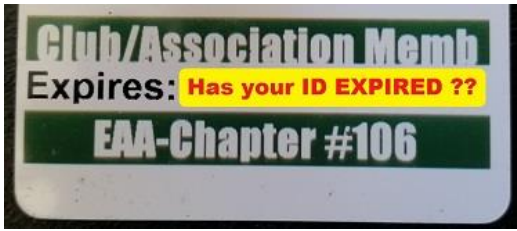
Family: Before midnight Dec 31: \$24 (normally \$30)

Click on the "RENEW" link at: <https://chapters.eaa.org/ea106/join-renew-donate>

If snail-mailing, please make your check payable to EAA106, then mail it to our Treasurer using this address: EAA106, c/o Penny Bowman, PO Box 420, Topsfield, MA 01983

Has your Airport Badge Expired during the COVID distractions?

If you haven't been to the airport lately you should check! (Don't ask why I say that)



The Lawrence Airport has a new badging process: On-Line appointments are required for all new badges and renewals which require a new photo: <http://cityoflawrence.com/859/Schedule-Appointment> (make sure to book in the link "Airport identification badge").

**EAA Chapter 106 is an IRS Recognized 501(c)(3) Public Charity**

Donate to EAA Chapter 106 – We have four funds which help the chapter:

- General Fund
- Tools Fund
- Hangar Fund
- Youth Scholarship Fund

Click the "DONATE" link at: <https://chapters.eaa.org/ea106/join-renew-donate>

Note: Two donation payment links – one for the first 3 funds and one for the Youth Scholarship Fund.



**Wanted:** An HP laptop power brick for a chapter laptop.



We're looking for an AC Power adaptor for one of our chapter HP laptops.

input: 100-240V - 1.5A,  
output: 19V = 4.74A, 90W max

If you have a dead HP laptop or a spare HP laptop power brick, please contact Penny to make arrangements for pickup: [EAA106.Penny@gmail.com](mailto:EAA106.Penny@gmail.com)

**Want FAA WINGS credit for attending this month's meeting on Crop Dusting?**

If so, be sure to register in advance at:

[https://www.faasafety.gov/SPANS/event\\_details.aspx?eid=102536](https://www.faasafety.gov/SPANS/event_details.aspx?eid=102536)

During the program, send a Private Chat to Penny Bowman, our FAAS Team Rep, with your FAA registered name and the word "WINGS" to "check in" for your FAA WINGS credit.

**Take the Chapter Survey:** <https://forms.gle/bzr8ACRthV7ax3jy6>

**Help us plan the next few months of Chapter 106 activities.**



# IMC Club Meeting

SAFETY AND PROFICIENCY THROUGH EDUCATION AND EXPERIENCE

## What is an IMC Club and why would I be interested?

These are **FREE**, short (typically 30 minutes) discussions following a real-life flight scenario submitted by pilots to EAA.

After watching an ~ 3-5 minute video (scenario about the mission, airport(s), plane, pilot, weather, etc.), everyone answers this: **What would You Do??** Here is the actual scenario from October:

Think about your experience, your currency and proficiency. Whether you are a very experienced instrument pilot or someone who just got their instrument rating, try to picture yourself in this discussion, and what action you would have taken. Today's discussion is based on an actual scenario submitted by an IMC club member.

For this exercise today you are going to be flying Piper Cherokee 180, but with equipment, you are most familiar with. Whether it is just a basic legacy six pack or a glass panel, you have it available to start your discussion today.

You will be departing your home base airport at Block Island (KBID) around 10:00 AM.

It is April and you plan a flight to practice some instrument approaches in Providence, RI (KPVD).

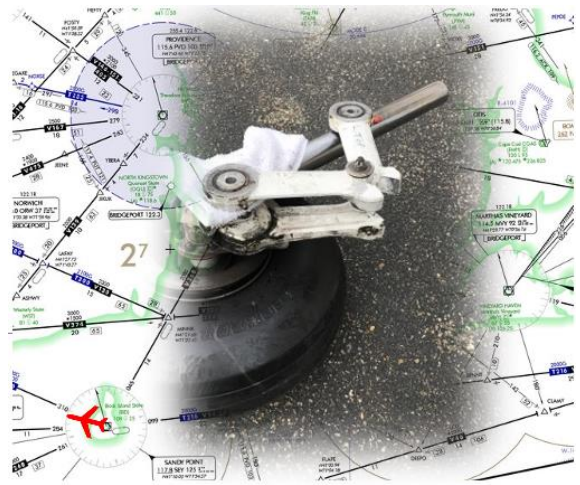
You filed "direct to PVD VOR – direct" at 3000'. It is 1500 overcast with good visibility, but it is windy. Winds are out of the north 15 gusting 25. Perfect day to practice crosswind and log some actual. The weather forecast is calling for winds to calm down through the day but the clouds are going to hold where they are. You file New Bedford (KEWB) as your alternate.

You listen to ASOS before takeoff and winds are now 340 at 14, gusting 22. There is another airplane in the traffic pattern. You ask them on CTAF how is the ride, and they tell you it is bumpy, but it is fine.

You have your 15 min. "void time" on your clearance, so you announce your departure with no delay. As you roll on the runway, you hold right aileron wind correction as appropriate and lift off. Then a sudden wind gust from opposite direction is abruptly setting your right wing to the ground. After prompt control correction, you are flying and climbing again.

As you climb out entering the clouds and are getting ready to switch your frequency to the departure control you hear the aircraft in traffic pattern reporting "going around" due to debris on the runway which "looks like an airplane gear."

**What would YOU do?** Zoom links for EAA Chapter 106's two VMC and one IMC Club are found at: [www.meetup.com/EAA106/](https://www.meetup.com/EAA106/) Sign up is free; RSVP to see the zoom link.



## EAA Youth Programs

### **EAA106 is seeking mentor volunteer sign-ups now for three new EAA youth programs we hope to run in 2021**

Below are descriptions of two Youth programs in EAA 106 and three new Youth programs we are planning to run starting next year. We'll need your help to make this happen; so please read below, click on the link, and join the team!

#### Young Eagles Program

We all know about the Young Eagles program to give youths (ages 8-17) their first flying experience to start their journey into the world of aviation.

EAA 106 has a long history of flying Young Eagles.

#### EAA Air Academy Scholarships

EAA 106's Youth Scholarship program has since 2012 been sending ultra-aviation-passionate youth (ages 16-18) for an all-expenses paid, once-in-a-lifetime aviation camp experience at EAA HQ in Oshkosh, WI (see more at our website:

<https://chapters.eaa.org/ea106/>).

#### New: EAA Young Eagles Build & Fly (R/C) program

Members of EAA106 and local Academy of Model Aeronautics (AMA) (<https://www.modelaircraft.org/>) will jointly mentor approximately youths, ages 11-17 building and flying an electric-powered R/C aircraft - the SIG LT-40 eKadet Model. This sounds like fun even for us "older youths"!

#### New: EAA Young Eagles Day Camp Workshop (1 full day)

The EAA Young Eagles Workshops program provides an opportunity for EAA chapters to offer youth who are of school age (approximately 11 to 17) an opportunity to learn about aviation in a social setting at a local airport. EAA Young Eagles Workshops can be a one-day or a multiple day experience geared to introduce kids to the basic elements of airplanes and aviation. EAA 106 will start with a 1-day program.

#### New: EAA Ray's Scholarship Fund - \$10,000 for a youth's flight training

The Ray Aviation Scholarship Fund is a scholarship program supported by the Ray Foundation, managed by EAA, and administered through the EAA Chapter network. Through the generous support of the Ray Foundation, EAA will provide up to \$10,000 to deserving youths for their flight training expenses. The scholar, in addition to flight training, has a requirement to partake in two hours of chapter volunteer service per month.

Go Here To See More: <https://chapters.eaa.org/ea106/ea106-youth-programs>

Contact [EAA106.YoungEagles@gmail.com](mailto:EAA106.YoungEagles@gmail.com) to volunteer to help

Upcoming Events (See more here: <https://chapters.eaa.org/eaal106/calendar>)

**Friday evening and Saturday morning programs:**

Fri, NOV 13	ON-LINE: Every 2nd Friday: 7:00pm - Monthly EAA106 program: <b>High Speed Passes &amp; Low Altitude Turns - My Experiences as a Crop Dusting Pilot</b> Topic: Training, Field patterns, Field flaggers & Ag GPS, chemicals, weather, risks, future. Speaker: <b>Louis Christie, Crop Duster, member of EAA106 and building an RV-7</b> <b>ZOOM:</b> <a href="https://brandeis.zoom.us/j/95558952856">https://brandeis.zoom.us/j/95558952856</a> <b>FAA WINGS:</b> <a href="https://www.faasafety.gov/SPANS/event_details.aspx?eid=102536">https://www.faasafety.gov/SPANS/event_details.aspx?eid=102536</a>
Sat, NOV X (tbd)	<b>On a Saturday in November, ...</b> We usually try to do a project visit (virtually, of course), hold a 2 <sup>nd</sup> program, or something else. We'll announce it via email and our MeetUp page

**Nov 17<sup>th</sup>** – On-Line: Every 3rd TUES - 6:30pm – **EAA106 Executive Committee (aka “Board”) Meeting**  
Open to all members. Please contact [EAA106.President@gmail.com](mailto:EAA106.President@gmail.com) for the zoom link.

**VMC & IMC Clubs are open to all and are great for active, student, and rusty pilots.**

Zoom link provided at: <https://www.meetup.com/EAA106/events/> (free registration)

These short sessions (~30-45 min) start with an ~5-min video which presents an actual flight scenario submitted by pilots. It covers the background information such as the purpose of the flight, the aircraft, the from-to airports, the weather, the pilot's skills, etc. Following the video and to collectively answer the question "**What would YOU do?**", an open discussion ensues about how each of the attendees would suggest handling this scenario.

**Nov 12<sup>th</sup>** – ON-LINE: Every 2nd THURS - 12:30pm - **BED VMC Club**

**Nov 19<sup>th</sup>** – ON-LINE: Every 3rd THURS - 6:30pm - **BED IMC Club**

**Nov 18<sup>th</sup>** – ON-LINE: Every 4th WED - 6:30pm - **LWM VMC Club** (normally 4<sup>th</sup> Wednesday, but moved up to avoid conflicts with the Thanksgiving Holiday)

This **NEWSLETTER** is for **COMMUNICATION** and **ENLIGHTENMENT**, but should **not** be relied upon as absolutely correct in content.

**Take the Chapter Survey:** <https://forms.gle/bzr8ACRthV7ax3jy6>

**Help us plan the next few months of Chapter 106 activities.**

What is a VMC Club or IMC Club?

Why would you be interested in participating?

Well who hasn't enjoyed a bit of "hangar flying"? You know, those little sessions where you critique you last flight or judge you friend's last 4-bounce landing. Well what if you had a prepared scenario to review? That's what VMC & IMC Clubs are all about. EAA's Proficiency Center (the folks who bring you the flight simulators at AirVenture).