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Key Organization Links

- www.fitchburgpilots.org
- www.meetup.com/fitchburgpilots
- www.facebook.com/fitchburgpilots/
- www.fitchburgairport.com
- www.eaa.org
- www.aopa.org

Key Weather Links

- www.windy.com
- www.aviationweather.gov
- www.usairnet.com

Key Reference Links

- www.ftplan.com
- www.airnav.com
- www.flightaware.com
- www.skyvector.com

President’s Corner



Glen Reinhardt - President, Fitchburg Pilots Assoc. EAA Chapter 1454

Well, 2021 is coming to a close. December will be my last meeting as president of the Fitchburg Pilot’s Association. I have immensely enjoyed my time in this role and look forward to finding a new position where I can help this organization continue to promote aviation, safety, education, and

socialization. Daniel Walton will assume the leadership position on January 1 and I will do whatever I can to support him in his success.

I thank all of you who have stuck with the organization during remote meetings and then returned to in-person for the warm months. Unfortunately, COVID is still a concern so we are offering hybrid meetings with no food service for those who attend in-person (masks required).

A reminder that 2022 dues are due now. Dave B. put out an email reminder and the response has been good. Thank you.

December’s speaker, Jeff Rapsis, is a gentleman whose father was captain of a flight in 1968 that crashed while trying to land at Lebanon Airport in New Hampshire. Jeff was 4-years-old when that event occurred and he lost his father. Jeff has researched that accident and has a presentation on the human factors relating to the flight. He gave this presentation at the 50th anniversary of that event and I’m told it was quite interesting.

Before Jeff speaks, Peter Kettle, Fitchburg Airport Manager, will give an update on projects and plans at the Fitchburg Airport.

I hope to see you on the 14th at 7 PM either in-person or via Zoom. The Zoom link is on Meetup and I sent out the link to the Meetup membership list.

Come join us! Fly safe, Fly often,

Glen Reinhardt President Fitchburg Pilot’s Association

FPA / EAA 1454 Officers, Committee Members, and Key Contributors

Please note: Any member can be emailed through the Members Section of our FPA Meetup Site

Officers	Names	Key Contributors	Names
President	Glen Reinhardt	Program/Wings Coordinator	Jim Bisson
Vice President	Dave Babineau	Eagles Coordinator	Mark Estabrook
Secretary	Chris Lund	Membership Coordinator	Dave Babineau
Treasurer	Gary Daugherty	Newsletter Editor	Jeff Scorse
Committee Chair and Chairmen	Names	Food	Glen Reinhardt
Aero Fair Coordinator	Dave Dion	IMC/VMC Club Coordinator	Dave Dion
Facilities	Dave Dion	Simulator Coordinator	Mark Estabrook
Nominations	Ed Littlejohn	Airport Commission Rep	Richard Gersh
Safety	Dave Dion	Webmaster	Michael Kane
Scholarship	John Arsenault		
Young Eagles & Santa Fest Coordinator	Patrick Daykin		

The [Cares Act](#) allows anyone to make a charitable contribution of up to \$300 in cash (check or CC, not stocks or securities), and it is deductible even if the taxpayer does not itemize deductions.



AMAZON SMILES AT FPA!

When shopping at Amazon (actually, AmazonSmile), you can raise money for FPA! FPA is a registered charity with AmazonSmile, so a percentage of the purchase price of eligible products is donated to FPA when you designate FPA as your charity of choice! FPA is listed as "Fitchburg Pilots Association, EAA Chapter 1454", so that's the name you should look for.



When you shop at Amazon, shop at smile.amazon.com and help support FPA!

** FOR SALE **

Jim Ellis has a brand new, in box, Lightspeed Zulu 3 headset that he'd like to sell. He is asking \$795. He can be reached at:

jeellis@sparks-ellis.com
 123 South Shaker Rd.
 Harvard, MA 01451
 H: (978) 772-0028
 C: (978) 501-6775



Happenings

By Chris Lund

BRICKS STILL FOR SALE

You've noticed the personalized bricks in the walkway leading to the FPA hangar.... We're still selling those bricks. The cost to put your personalized message on a brick in the walkway is \$100. (We wait for about 6 orders before sending them in.) If you're interested in buying a brick, see Dick Make, Chris Lund or any of the board members.



JAFFREY-SILVER RANCH (KAFN) HAS NEW RUNWAY

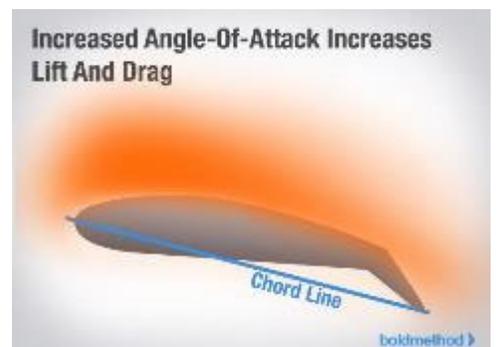
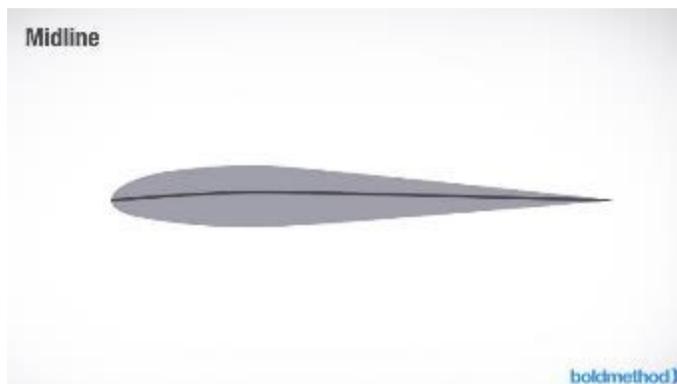
If you're one of those pilots reluctant to land at Jaffrey airport (KAFN) for ice cream at Kimballs due to the condition of the runway, your concerns have been addressed. The runway at Jaffrey has been re-paved with a little grading thrown in. It should be a significant improvement for landing. Expect a fly-out to Jaffrey this spring for ice cream!



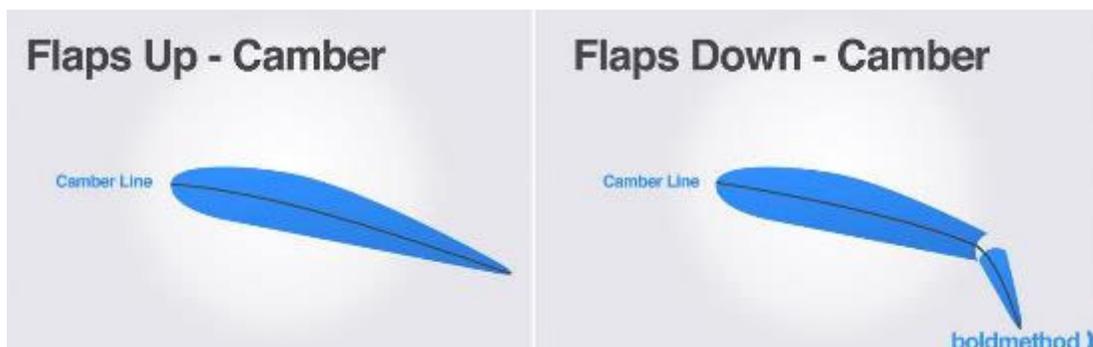
Safety Corner - A Refresher - 9 Terms Every Pilot Should Know About Wings

By Dave Dion (FPA Safety Committee Chair) - Reference Boldmethod article - Nov 2021

- I. **Wing Span** -It's the easiest one of all! Wing span is the distance from wing tip to wing tip.
- II. **Chord Line**- The chord line runs from the leading edge to the trailing edge of the wing. It does not necessarily run directly through the center of a wing if there is camber.
- III. **Midline** - The midline is the average line running symmetrically through the center of the wing.



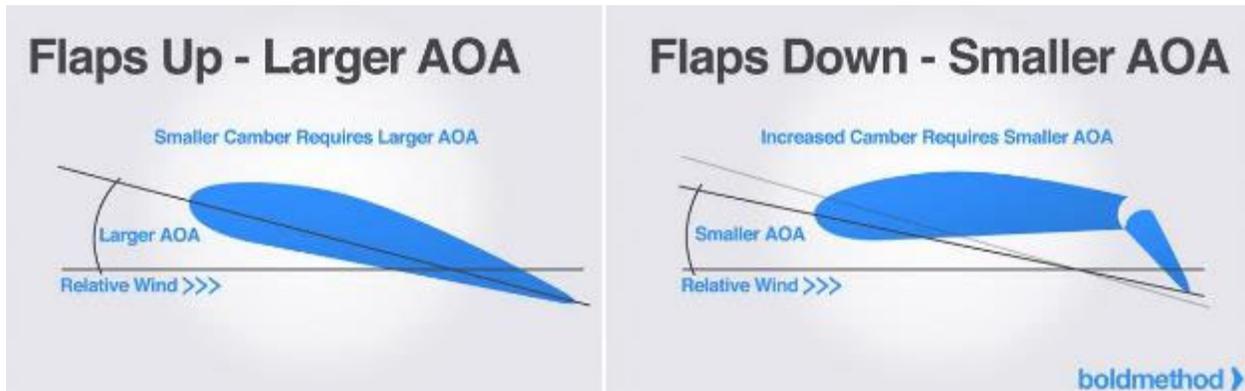
- IV. **Camber** - The difference between the midline and the chord line.



- V. **Wing Area** - The plan surface area including the area covered by the fuselage.



VI. **Angle Of Attack** - The difference between the chord line and the relative wind. "Angle of attack" (AOA) is one of the most common terms you'll find in aviation and is extremely important when understanding stall characteristics.



VII. **Angle of Incidence** - The angle of incidence is the angle between the longitudinal axis of the aircraft (draw a line from the spinner to the tail) and the chord line of the wing (draw a line from the leading edge to the trailing edge).



VIII. **Wing Washout** - Washout is a change in an airfoil's angle of incidence, measured from the root to the tip. If you look closely at a wing with washout, you'll see that it twists from the root to the tip, with the root having a higher angle of incidence than the tip.



IX. **Aspect Ratio** - Wing span divided by the average chord. For instance, you'll find high aspect ratio wings on gliders and low aspect ratio wings on fighter jets.



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