



May 2025, Volume 70 Issue 5

President's Corner

PLANNING THE FIRST CROSS-COUNTRY FLIGHT OF THE SEASON

Congratulations to our newest Youth Aviation Training Scholarship recipient Rayni Rister. Unfortunately, her flying and class curriculum at Ohio University conflicted with our April 10th, Chapter Meeting delaying her introduction and I have high hopes that Rayni will be able to attend our June 12th, Annual Cookout for some great food and stimulating conversation.

Did you know? There are some useful rules of thumb for pilots I found on the *Flight Apprentice* web site. The graphic is posted on page 2.

Please join us May 8, 2025, at Ivy Tech Aviation Center for a discussion and build update presented by Brian Thomas on his Zenith Zodiac CH750.

Paul Camp - President EAA Chapter 2

LOOKING AHEAD to YOUNG EAGLES 2025!

May 17 - DeKalb County Airport

June 14 - Tri-State Steuben County Airport

June 21 - DeKalb County Airport

August 9 - Smith Field Airport

August 16 - DeKalb County Airport

September 13 - Smith Field Airport

September 20 - Kendallville Municipal Airport

Coming Events:

Thursday May 8 — Chapter 2 Gathering at the Ivy Tech Aviation Center, Smith Field, 7:00 PM. Brian Thomas will be discussing his Zenith 750 Cruiser project. Come early (6:30) for the VMC club discussion!

Thursday June 12 — Chapter 2 Cookout, tentatively at the FBO at Smith Field. The chapter will provide hamburgers, hot dogs, & beverages. Please bring a side dish or desert to share. Note that this event starts at 6 PM, one hour earlier than our normal gatherings.

Saturday July 12 — EAA Chapter 2 Lunch Fly-in/Cruise-in Hangar 2 at Smith Field - 11:00 AM. EAA Chapter 2 Fly-in/Cruise-in lunch. Lunch will feature a sloppy joe or a creamed chicken sandwich, chips, and dessert. Free will donation proceeds benefit the EAA 2 Youth Scholarship Fund.

EAA2's first rally is on June 14 at Tri-State Steuben County Airport. VAA 37 will host a rally on May 17. I sent an email to those who helped at YE rallies in the past couple years that contained additional information about our new registration website and a list of rally dates. There are some kinks that EAA needs to work out, but overall it works well. Let me know if you will be able to help at any of the rallies. Look forward to seeing many of you there.

David and Laramie Resler

Young Eagle Coordinators

Are you a pilot? Are you building an aircraft? Are you an aircraft owner?
Are you just "plane nuts" about aviation?

INOP. EQUIP

Is it required by the kinds of equipment list or required equipment list (POH)

Is it required by the aircraft type certificate data sheet (TCDS)?

Is it required by ad?

Is it required by far 91.205? (TOMATOFLAMES/FLAPS)

IF YES TO ANY, YOU ARE NOT LEGAL

SPEED

SPEED/DISTANCE

60kt=1nm per minute
90 kt = 1.5nm per minute
120 kt = 2nm/minute
150kt = 2.5nm/min
180kt=3nm/min

ESTIMATING TAS

Add 2% to IAS for each 1,000' PA
@5,000' at 100KIAS, tAS =110kt

3° DESCENT V/S

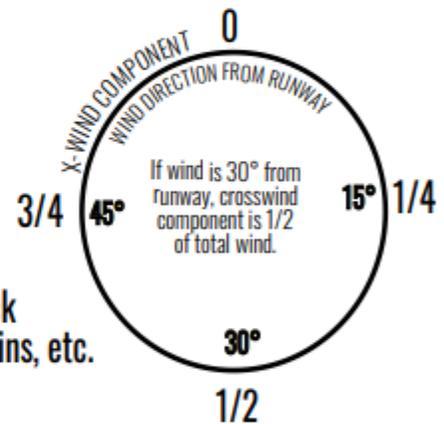
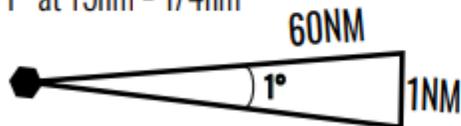
GS/2, add a zero

70kt = 350fpm
90kt = 450fpm
100 kt = 500fpm

60:1 RULE

1° from a VOR is equal to 1nm at 60nm from the station.

1° at 60nm = 1nm
1° at 30nm = 1/2nm
1° at 15nm = 1/4nm



PERFORMANCE

10/20 RULE

A 10% increase in groundspeed increases ground roll by 20%

Every 8°C increases density altitude by 1,000'

Increase takeoff distance by 10% for each 1000' DA

50/70 RULE

If you haven't reached 70% of your takeoff speed by 50% of the runway, you may not have enough power to takeoff safely

EVERY 1° INCREASES DENSITY ALTITUDE BY 120'

EVERY 1°C INCREASE INCREASES TAKEOFF AND LANDING DISTANCE BY 1%

100LL: 6LB/GAL
JET-A: 6.75LB/GAL
50W OIL: 7.5 LB/GAL

This is because you increase drag as you continue to accelerate

flightapprentice.com

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VMC CLUB — MAY QUESTIONS

BY LARRY ZEPP, VMC CLUB COORDINATOR

Question 1. You've just taxied to the hold short line of the active runway after completing your runup and passenger safety briefing. What additional items should you now address as part of your pre-takeoff briefing?



Question 2. Can VFR Flight Following actually make a life-or-death difference in an emergency?



Courtesy of Pilot Workshops.com

2025 Membership Renewal

Your support of and participation in EAA Chapter 2 can enrich your aviation interest and understanding, as well as that of aviation enthusiasts of all ages.

Your support and participation also helps promote aviation throughout the broader community.

Membership renewal is easy, using the interactive form on the EAA 2 [website](#). Dues can be paid online via credit card / PayPal. If you are new to EAA 2, dues can be pro-rated for the year.

Alternately, you can mail your printed form and check to:

David Resler
4719 S. 300 E
Churubusco IN 46723

Individual memberships are **\$20**.

Family memberships are **\$30**. This covers two adults and all children in a family.

Student memberships are **FREE** to those under 19 who are EAA members, which is free to them. See www.eaa.org/membership for details on how to join the EAA as a student.

Newsletter options. Emailed newsletters are **FREE**. If you want a printed newsletter, please add **\$12** to your membership dues to cover the costs of printing and postage.

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Are you just “plane nuts” about aviation?

EAA Learn to Fly Week Returns May 13-17

EAA’s mission is to “grow participation in aviation by sharing The Spirit of Aviation.” This mission is fully embraced by EAA’s 300,000-plus members and 900 local chapters. .

To further the efforts of growing the aviation community, EAA Learn to Fly Week, supported by Sporty’s Pilot Shop, is returning on May 13-17, 2025!

The week will consist of three straight days of educational and interactive webinars. Topics will range from how to get started in flight training to tips for passing the FAA written exam, how to save time and money in flight training, strategies for the checkride, pinch-hitter presentations, and so much more!

Representatives from EAA, Sporty’s Pilot Shop, Redbird, TakeFlight Interactive, and designated pilot examiners from across the country will be presenting this wide range of webinars. Following each presentation, attendees will have time for Q&A with the presenters.

The final day of Learn to Fly Week, May 17, 2025, will play host to chapter Flying Start events across the country.

Flying Start events are open house-style activities that introduce local aspiring pilots to the local knowledge, tools, and connections that they need to accomplish their goal of becoming a pilot.

During the Flying Start event, chapter members will break down the perceived barriers common to the nonaviation community that prevent people from pursuing their pilot certificate.

Following a short presentation from the chapter and local flight instructors about learning to fly, Flying Start attendees are paired with an Eagle Flight mentor pilot for a free introductory flight. At the conclusion of the flight, the attendee will be provided with a free six-month trial EAA membership!

Flying Start participants will walk away from the event with an “I can do this” point of view, and a clear understanding of “how flying can fit into my life,” and “what I can do with this hobby.”

Whether you’re in the midst of your flight training journey, or just thinking about getting started, we know you’ll value in EAA Learn to Fly Week

You can learn more and register at www.EAA.org/LTFWeek

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