





**August 2024**




Chapter 579  
Young Eagles Flown:

# 20,301



Follow us on  
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Follow [EAA Chapter 579](#) on Facebook to get the latest updates on all of our events and activities.



**Chapter 579**  
Sharing the Magic of Aviation  
Aurora, IL - Home Airport: Aurora Municipal (KARR)

Check out our chapter website at  
[chapters.eaa.org/ea579](http://chapters.eaa.org/ea579)  
for Chapter information

**CHAPTER OFFICERS**

President, Newsletter Editor & Young Eagles Coordinator:

**Mike Baer**

Vice President, Scholarship Chair, VMC Club Coordinator & Web Editor:

**Chuck Newell**

Secretary:

**Ed Ramos**

Treasurer:

**Dave Montgomery**

**CHAPTER DIRECTORS**

**Bill Cameron**

**Tim Green**

**Mariano Rosales**

**Nathan Stonehocker**

**Baer → Mail**



What a month! It started with a fantastic VMC/IMC Club Meeting where we did a deep dive into pre-flight & in-flight weather resources. Some of the resources discussed are included on page 4. If you have not joined us for a VMC/IMC Club Meeting, see page 12 for the date of our next event.

We also had a wonderful Chapter Gathering where we were joined by Dave Murray. Dave is a retired commercial airline pilot with over 29,000 hours of flight time. He currently flies a Lear 45 for a corporate flight department and a Glasair III for fun. Dave has been flying R/C aircraft for almost 30 years, and has been flying turbine R/C for 25 years. He has built over 100 R/C jets and he brought one of his 1/5 scale F-16s to the Gathering, fired it up and taxied it around the ramp! We were also joined by Lukas Zuttermeister who received a 579 scholarship to attend the EAA Air Academy and shared photos he captured this year at AirVenture. Images from that night appear on page 5.

Finally, we had a very successful Young Eagles Rally. Flying 114 Young Eagles on a very hot and steamy day. A huge thank you goes out to all of the volunteers who made this event possible. Photos from the Rally can be found on pages 8 and 9.

We have more in store for next month! I hope to see you all at one of our September events.

Blue Skies,

Mike



# CHAPTER 579

## 2024 YOUNG EAGLE RALLY SCHEDULE



May 19  
 Jun 23  
 Aug 25  
 Sep 22  
 Oct 13



**ONLINE  
 REGISTRATION**

We will once again be using Online Registration for our Young Eagle Rallies. Registration will open up at 8:00 a.m. ten days before each rally. Be sure to follow our [Facebook](#) page for details!



**EAA Chapter 579**  
 Aurora, IL

**20,000**  
 Young Eagles Flown  
 September 2023

Launched in 1992, the Young Eagles program has dedicated 30 years to giving youth ages 8–17 their first free flight in an airplane. It's the only program of its kind, with the sole mission to introduce and inspire kids in the world of aviation. Today, nearly 2.3 million young people have enjoyed a free introductory flight through the Young Eagles program. **On September 24, 2023, Chapter 579 became the first EAA Chapter worldwide to have flown 20,000 Young Eagles!**

1 Young Eagles Flight    2 EAA Student Membership    3 Sporty's Learn to Fly Course    4 First Flight Lesson    5 Scholarships

**The EAA Flight Plan**  
 Your route from Young Eagle to licensed pilot.

Send your Young Eagles Questions to  
[mikebaer150@gmail.com](mailto:mikebaer150@gmail.com)

## CHAPTER 579 2024 MONTHLY CHAPTER GATHERING SCHEDULE

January 25

February 15

March 28

April 25

May 23

June 27



~~Gone to Oshkosh~~

August 22

September 26

October 24

November 21

December 19\*

(\* Tentative)

## AVIATION NEWS



### New free courses released by King Schools

"It's critically important that drone pilots, just like all pilots, know what is legal and what is not and how to fly safely," said Martha King. "A savvy pilot is a safe pilot. And a savvy pilot, of any aircraft, is always learning."

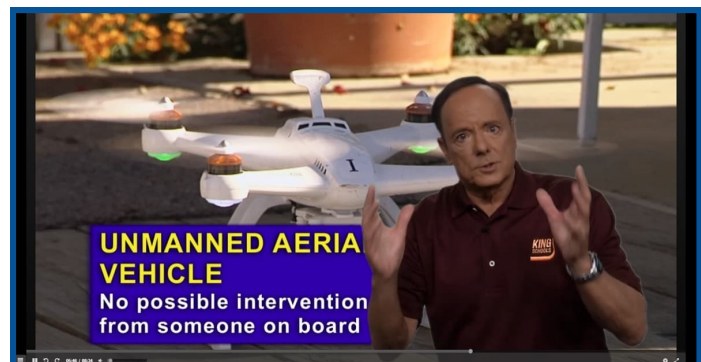
Additional course information and free registration is available at [KingSchools.com/Drone-Regulations](https://www.kingschools.com/Drone-Regulations).

The second new free course, Private Pilot Ground Reference Maneuvers, is taken from the King's Private Pilot Maneuvers course, designed to prepare a student pilot for their flight lessons by showing how to nail Turns Around a Point, Rectangular Patterns, and S-Turns Across a Road to FAA checkride standards. "Ground reference maneuvers can be a source of a frustration for student pilots," said Barry Knuttila, the course's video instructor. "We show tips and tricks you can use to deal with wind to fly good patterns over the ground. This skill is best learned if first understood on the ground. Watching these video will save time and frustration in the air, while impressing your flight instructor with what you know."

Additional information is available at [KingSchools.com/Ground-Reference-Maneuvers](https://www.kingschools.com/Ground-Reference-Maneuvers).

King Schools has also posted a new YouTube playlist, "How To Become a Pilot." The videos are designed to clear up confusion and give people who are considering learning to fly a path to success, according to company officials. "The videos break down the sometimes-complicated process into 12 short, easily understandable and digestible parts," King Schools officials explained. "The first installment explains what a medical is, why it's important, and how to get one. Part two outlines where one can learn to fly, while part three is about what you need to do to find an instructor that suits your learning style."

The series is narrated by Samuel Golden, King Schools' digital marketing manager, who also holds a commercial pilot certificate.

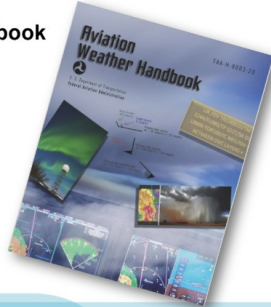




The images below provide a snapshot of some of the great resources shared during our August VMC/IMC Club Meeting

## Resources

- FAA H-8083-28 Aviation Weather Handbook

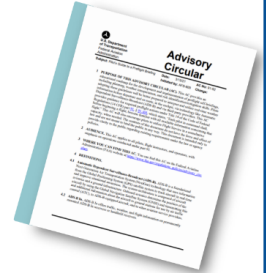


[https://www.faa.gov/sites/faa.gov/files/FAA-H-8083-28\\_FAA\\_Web.pdf](https://www.faa.gov/sites/faa.gov/files/FAA-H-8083-28_FAA_Web.pdf)

## Resources

- AC 91-92: Pilot's Guide to a Preflight Briefing

- Extensive ADS-B discussion
- Flight Service Web Services
- Self-briefing information and tips
- Single-pilot Resource Management



## Pre-flight Self-Briefing

- Prior to every flight, pilots should gather all information vital to the nature of the flight
- Using automated resources, pilots can conduct a regulatory compliant preflight briefing without contacting Flight Service
- Pilots who prefer to contact Flight Service are still encouraged to conduct a self-briefing prior to calling
  - Provides familiarity of meteorological and aeronautical conditions applicable to the route of flight
  - Promotes a better understanding of weather information

## Pre-flight Know Before You Go

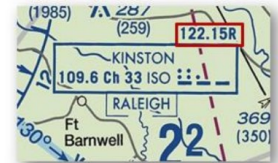
1) Adverse Conditions	<ul style="list-style-type: none"> <li>• Weather advisories (SIGMETs, AIRMETs, Convective SIGMETs, Center Weather Advisories, Aviation Watch Notification Messages)</li> <li>• NOTAMs (airport/runway closures, TFRs, etc.)</li> <li>• IFR conditions, low-level windshear, thunderstorms, reported icing, frontal zones</li> </ul>
2) Synopsis	<ul style="list-style-type: none"> <li>• Weather systems and/or air masses</li> </ul>
3) Current Conditions	<ul style="list-style-type: none"> <li>• Current observations (e.g., METARs, PIREPs) for departure, en route, and destination</li> <li>• Satellite and radar imagery</li> </ul>
4) Forecast Conditions	<ul style="list-style-type: none"> <li>• Forecast information (departure, en route, and destination)</li> </ul>
5) Winds Aloft	<ul style="list-style-type: none"> <li>• Winds aloft forecast (interpolate between levels and stations)</li> <li>• Temperature at proposed altitude</li> </ul>
6) Notices to Airmen (NOTAM)	<ul style="list-style-type: none"> <li>• Departure, en route, and destination</li> </ul>
7) Restricted or Special Use Airspace	<ul style="list-style-type: none"> <li>• Prohibited Areas P-40, P-56, and the Special Flight Rules Area (SFRA) for Washington, DC</li> </ul>
8) ATC Delays	<ul style="list-style-type: none"> <li>• ATC delays and/or flow control advisories</li> </ul>

## Sample Pre-flight Self-Briefing Resources

<a href="http://1800wxbrief.com">1800wxbrief.com</a>	Leidos Flight Service – FAA Contract Vendor
<a href="http://avcams.faa.gov">avcams.faa.gov</a>	Alaska and Canada
<a href="http://aviationweather.gov">aviationweather.gov</a>	NOAA/Government Web Site for aviation weather
<a href="http://fly.faa.gov/flyfaa/usmap.jsp">fly.faa.gov/flyfaa/usmap.jsp</a>	FAA Flight Delay Information
<a href="http://nhc.noaa.gov">nhc.noaa.gov</a>	National Hurricane Center (HNC)
<a href="http://notams.aim.faa.gov/notamSearch">notams.aim.faa.gov/notamSearch</a>	Federal NOTAM System (FNS)
<a href="http://spc.noaa.gov">spc.noaa.gov</a>	NOAA Storm Prediction Center
<a href="http://ssd.noaa.gov/VAAC/vaac.html">ssd.noaa.gov/VAAC/vaac.html</a>	Volcanic Ash Advisory Centers (VAAC)
<a href="http://sua.faa.gov">sua.faa.gov</a>	Special Use Airspace
<a href="http://tfr.faa.gov/tfr2/list.html">tfr.faa.gov/tfr2/list.html</a>	Temporary Flight Restrictions
<a href="http://weather.gov">weather.gov</a>	National Weather Service Forecast Office
<a href="http://weather.gov/aawu">weather.gov/aawu</a>	Alaska Aviation Weather Unit (AAWU)
<a href="http://weather.gov/hfo">weather.gov/hfo</a>	National Weather Service Forecast Office Honolulu, HI
<a href="http://wpc.ncep.noaa.gov">wpc.ncep.noaa.gov</a>	Weather Prediction Center

## In-flight Weather Sources

- Flight Service (FSS) en route weather
- Frequencies depicted on VOR data block
  - FSS transmits & receives on 122.2 (VHF) and 255.4 (UHF)
  - FSS receives on 122.15 & transmits on 109.6 (VOR)



## Cautions & Tips

- **Don't fixate on the equipment**
  - Cockpit displays don't tell the whole story
    - We still have to look outside
- **Understand what the displays tell you... and what they don't.**
  - You may not see all the traffic in your area
  - or all the weather ahead
- **Make weather avoidance decisions early**
  - Don't wait till you're close to choose a route
  - Refine your decisions as more information becomes available



## Want to know more?



<https://bit.ly/3tmxtrX>



# 579 Chapter Gathering

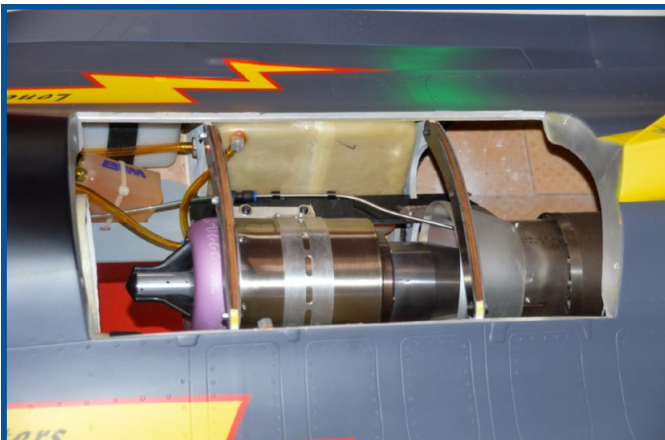
August 22, 2024



Capt. Dave discusses his passion for building and flying large scale RC jets.



Pre-Flight (taxi?) procedures.



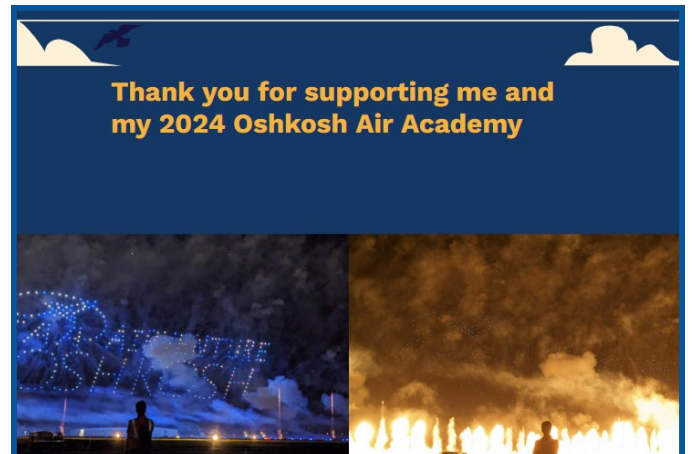
Not exactly the Cox 049 Baby Bee we had as kids.



Position lights are very cool, but check out the afterburner!



Lukas was our 2024 Air Academy scholar. Please see page 13 if you would like to donate time or money to help Lukas with his Eagle Scout project.



Lukas shares his images and stories from AirVenture.

# CHAPTER 579



# WANTS YOU!!

Have you ever considered taking on a new role within the Chapter? Now is the time to speak up!

Every 2 years we hold elections for Officers and Directors. Nominations are made during our October Chapter Gathering and Elections are held during our November Gathering.

Mike announced that after serving 5 terms, he is looking to hand over the roles of President, Newsletter Editor and Young Eagles Coordinator. Chuck is looking to hand over the role of Web Editor and Dave is looking to hand over the role of Treasurer.

Please consider taking on one of the Chapter's Leadership Roles. Chuck, David and I aren't going anywhere and would be happy to assist with getting anyone up to speed.

Here's a list of all of our current (and desired) leadership positions. If you would like more information on any of these roles, please feel free to reach out to Mike ([mikebaer150@gmail.com](mailto:mikebaer150@gmail.com))

- ◆ President
- ◆ Vice President
- ◆ Secretary
- ◆ Treasurer
- ◆ Young Eagles Coordinator
- ◆ Newsletter Editor
- ◆ Web Editor
- ◆ Social Media Lead
- ◆ Scholarship Chair
- ◆ Membership Chair
- ◆ Media/Publicity Lead
- ◆ Hospitality Chair



# Ask Professor Green

By: Tim Green



**Q: What's the biggest plane to land at Midway?**

**Hint: It's not a 737**

Chicago Midway Airport is a one-mile square piece of land in the middle of a neighborhood. This airport has been affectionately referred to as a 'postage stamp' due to its tiny footprint relative to most other airports in the United States. The airport features four runways at each corner of its one mile square. The longest runway tops out at less than 6,500 feet. While it is long enough for daily operations of single aisle airliners like the Boeing 737 and Airbus A320, it's not really large enough to handle much bigger.

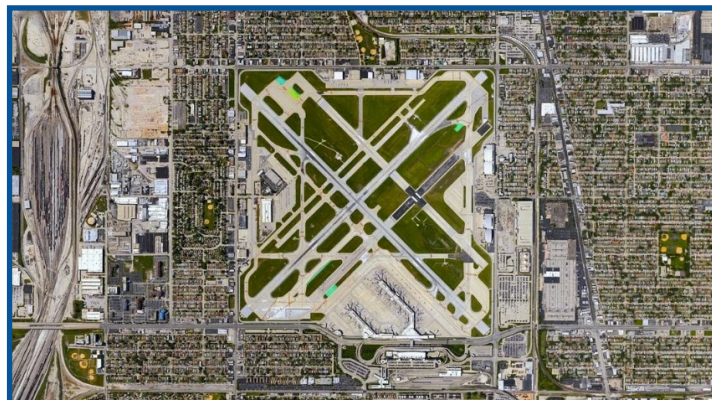


Back in the late 1990s and early 2000s, the Boeing 757 was a daily visitor to Chicago Midway Airport. American Trans Air regularly flew both the Boeing 757-200 and even larger 757-300 into the field. The jet stuck out like a sore thumb because of its size but its well-known short field performance meant that it was a relatively benign operator into the field. While 757s are less common today, both United and Delta still occasionally fly their 757s into Midway on charter flights.

Even Bigger: An Airbus A300 Flew into Midway on October 3rd 1973 as part a promotional tour. Fully loaded, an Airbus A300B weighs 300,000 pounds. The A300 typically seats 210 to 250 in a three class, dual aisle arrangement. Many people incorrectly assume the A300B was the largest plane ever to land at Chicago's Midway Airport.

So, what's the Biggest Plane at Chicago Midway?

The answer might surprise you (see answer on page 14)





# 579 Young Eagles Rally

August 25, 2024

Please see the full photo album on our [Facebook Page](#)







# 579 Young Eagles Rally

August 25, 2024

Please see the full photo album on our [Facebook Page](#)



## EAA Aviation Museum Introduces ‘Inside The Hangar’ Self-Guided Tours



Visitors to the EAA Aviation Museum in Oshkosh can now easily get more in-depth information on museum exhibits as the initial set of self-guided QR codes have been added to select aircraft exhibits.

The “Inside The Hangar” tour offers visitors the opportunity to scan a QR code via their smart device and receive additional background regarding the exhibit, without downloading a special app. The Synthesia software can be opened to extra features such as the exhibit’s background, archival photographs not on display, and other information not found on museum signage.

“Museum visitors throughout the nation are now seeking more interaction with displays and exhibits they see and the Synthesia software allows EAA to bring far more depth to an exhibit than we could fit on a sign,” said Amelia Anderson, the EAA Aviation Museum collections curator. “This system also offers a way to bring additional and behind-the-scenes information about an exhibit as we discover it. As this proves more popular, we will add it to more exhibits in the coming year.”

EAA museum visitors will find the first QR code at the entry to the museum, explaining the self-guided tour option and its benefits. Current QR codes are available at some of EAA’s “foundational” aircraft, such as the *Mechanix Illustrated* Baby Ace, Little Audrey, and Little Bonzo. It is also available at the Huey helicopter exhibit in the Eagle Hangar.

**About EAA Aviation Museum** - The EAA Aviation Museum is located just off Interstate 41 at the Highway 44 exit in Oshkosh. The museum is open daily from 10 a.m. to 5 p.m. EAA members receive free museum admission year-round. For more information, call the EAA Aviation Museum at (920) 426-4818 or visit [www.EAA.org/museum](http://www.EAA.org/museum).



# 579 Member Moments & Milestones



**Ried Jacobsen**

## Co-pilots the Ford Tri-Motor



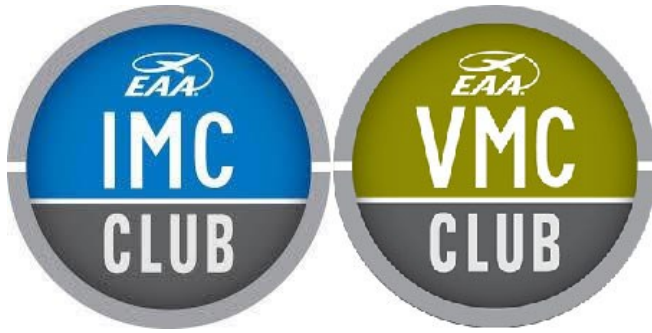
Ordinarily, EAA Chapter 461 is part of the EAAs support team when their Ford Tri-Motor comes to Clow airport's Cavalcade of Planes in early June.

This year, one of the engines went lame and needed replacement, so the event was pushed to August.

In between providing ground crew support, and collecting ticket stubs for flights, I also got to be co-pilot for one of the flights!

Have you flown a Ford lately!





## IMC / VMC Club Meeting

Mark you calendar for our next meeting:

September 12, 2024

6:30 pm at REVV Aviation Training Room  
at the Aurora Municipal Airport

Our IMC/VMC Club offers monthly meetings in which pilots and non-pilots can network and share knowledge and experience.

The meetings use real-world scenarios to engage members, and allow a free exchange of information that improves awareness and skills. The intent is to create a community of pilots willing to share information, foster communication, promote safety, and build proficiency.

The IMC/VMC Club monthly programming is developed and produced by EAA, but it does not use a lecture or presentation format. Instead, an actual scenario is presented and is followed by a group discussion – so audience participation is encouraged! Since everyone has a different experience level and different airplane capabilities, we can all benefit from the discussion.



Send your IMC/VMC Club Questions to:  
Chuck Newell (cmnewell@sbcglobal.net) and  
Nate Johns (beaconslash@gmail)

### CHAPTER INFORMATION

EAA Chapter 579 is a 501(c)(3) non-profit organization formed for educational purposes and is incorporated in accordance with the State of Illinois Not For Profit Corporation Act.

### MONTHLY MEETINGS

The Chapter meets on the fourth Thursday of the month, January through October and the third Thursday in November and December at the Aurora Municipal Airport, starting at 7:30 pm. Please check our Facebook page for schedule updates. Family members and guests are always welcome.

### MEMBERSHIP INFORMATION

Membership dues for EAA Chapter 579 are only \$20 per year and are due on the first of January for the upcoming year.

579 Chapter members are to be current members of the EAA, Oshkosh, WI.

Individual membership to the EAA is \$40 per year. Family memberships are available for an additional \$10 per year. Both include a twelve month subscription to *Sport Aviation* magazine.

A 579 Chapter Membership Form is included as the last page of this newsletter.

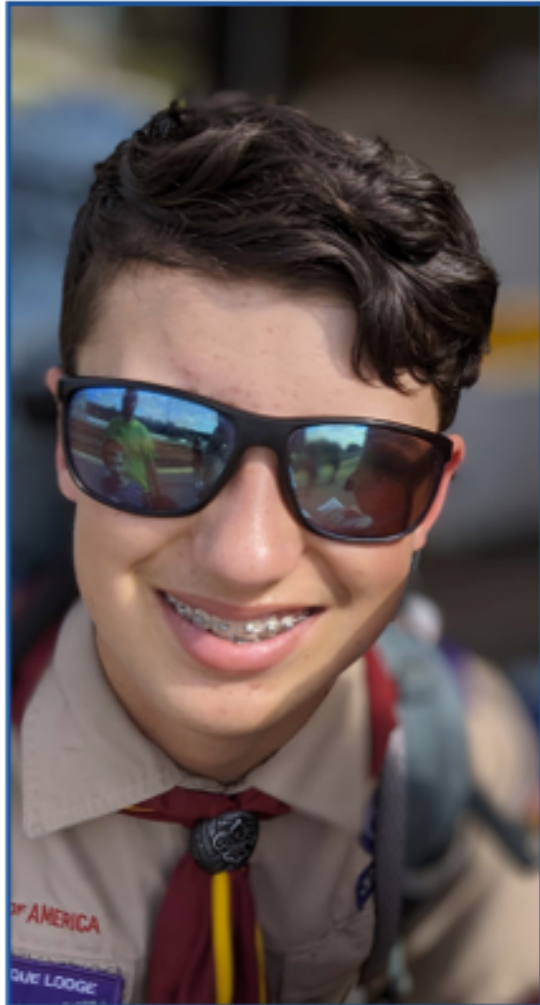
### ADVERTISING IN PROPWASH

If you would like to support Chapter 579's educational mission by advertising in Propwash, please contact:

**mikebaer150@gmail.com**

<u>Size (Page %)</u>	<u>Monthly</u>	<u>Annually</u>
10% (business card)		\$50
25%	\$10	\$110
50%	\$20	\$200
100%	\$30	\$275
Classified Ads	Free for members	

# Chapter Member News



*Hello EAA Chapter 579, my name is Lukas Zuttermeister from Sugar Grove Troop 41. I have officially started my Eagle Scout project at the Air Classics Museum! I will be replacing the rain collectors and designing new signs for the different entrances and exits of the building. I am asking for any donations of time or money to help me reach my goal to become an Eagle Scout!*

*I will be at the next meeting in August and will be able to take monetary donations then or by calling 847-373-2735. If you are able to help with the building of the collectors I will let you know when the work days are.*

*Thanks,*

*Lukas*



# Ask Professor Green

By: Tim Green

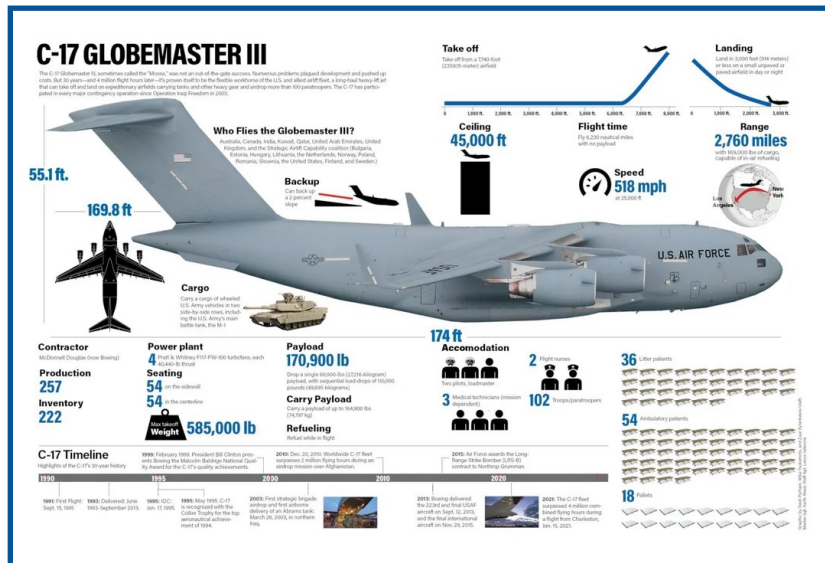


Continued from page 7...

## A: The C-17 Globemaster III.



The Air Force C-17 is massive, with a length of 174 feet and a wingspan of 169 feet. The C-17 has the ability to land on relatively short runways, as little as 3,500 feet. The C-17 typically lands at Midway to support VIP movements. The C-17 can still pick up cargo and comfortably land and takeoff from the airport, however fully loaded at 580,000 pounds it would require more distance for takeoff.





[planeperfect.us](http://planeperfect.us)

At Plane Perfect we have a passion for airplanes and couldn't find products to suit our detailing needs. Everything on the market either didn't work very well or was decades old formulas that could be improved for higher polish and more durability. We created a catalog of modern, safe products that work on metal, fiberglass or fabric and provide a level of quality just not achievable with older formulas. They are superior on cars, boats and RV's too!



**Use offer code EAA579 at checkout  
and get 10% off your entire order!**



# EAA Chapter 579

## Membership Application/Renewal

Today's Date: \_\_\_/\_\_\_/\_\_\_ EAA Member #: \_\_\_\_\_ New Applicant: \_\_\_ Renewal: \_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Spouse: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_ Zip: \_\_\_\_\_

Home Phone: (\_\_\_\_) \_\_\_\_\_ Cell Phone: (\_\_\_\_) \_\_\_\_\_

Email Address: \_\_\_\_\_ Birthday (MM/DD): \_\_\_/\_\_\_

Emergency Contact Name: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

I would be able to help in the following area(s):

Advertising \_\_\_ Chapter Meeting Presentation \_\_\_ Finance \_\_\_ Fund Raising \_\_\_

Hospitality \_\_\_ Membership \_\_\_ Newsletter \_\_\_ Photography \_\_\_ Scholarships \_\_\_

Social Media \_\_\_ Speakers \_\_\_ Videography \_\_\_ Web Site \_\_\_ Young Eagle Rallies \_\_\_

Other \_\_\_\_\_

<u>Membership Category</u>	<u>Annual Dues *</u>	Please complete this form, attach check payable to EAA Chapter 579 and mail to:
Regular (Individual)	\$20	
Regular (Family)	\$35	
Youth (Under 18)	\$12	
Life	\$400	
<p>*Annual chapter dues are due on January 1st. New members joining after June 30th receive a 50% discount for first year dues</p>		