



Hangar Talk

October 2023

Northern Palm Beach County Experimental Aircraft Association Chapter 203, Inc.

Volume 27, Number 10

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Can You Identify This Aircraft



Send your Answer to sdthatcher@bellsouth.net
The answer will be in Next Months Hangar Talk

Participate in VMC Club

Since 2015 and 2017, respectively, EAA members have enjoyed participating in organized hangar flying through EAA's VMC clubs.

VMC Clubs are extensions of local EAA chapters and offer monthly VMC program meetings where pilots can network and share knowledge and experiences. The purpose of EAA Visual Meteorological Conditions (VMC) Clubs build proficiency when flying under visual flight rule conditions.

New Website. Go to <https://chapters.eaa.org/ea203> to see the new look! New Category called EAA 203 Events Calendar. See current and future activities.



Find the Air Speed Indicator

Hidden somewhere within the pages of this newsletter is an ASI similar to the one shown here (will be smaller). All you need to do is find the page on which it appears, specify article or photo and send to sdthatcher@bellsouth.net to win. Winning Entries will be published in the newsletter.

ASI Location: One Prize Only
awarded for correct ASI location.

ASI Winners: Estevan Di Giaimo Bataglia, Russ Karnap, Craig Buttery, Ariel Messam, Rick Golightly

Aircraft Winners: Ed Dolezal, Rick Golightly

Calendar of Events

October 14th

*Presentation by Bob Santom of CGS Hawk Single and Ultra LLC
Raffle of a Flight in their 2-Place Shirts also Ruffled off*

EAA203 General Meeting sausage, pancakes, and coffee!

VMC Club Meeting

The VMC club is an opportunity to share knowledge and experience while discussing real-world scenarios. The next meeting is this Saturday after the General Meeting. Be sure to attend this Saturday!

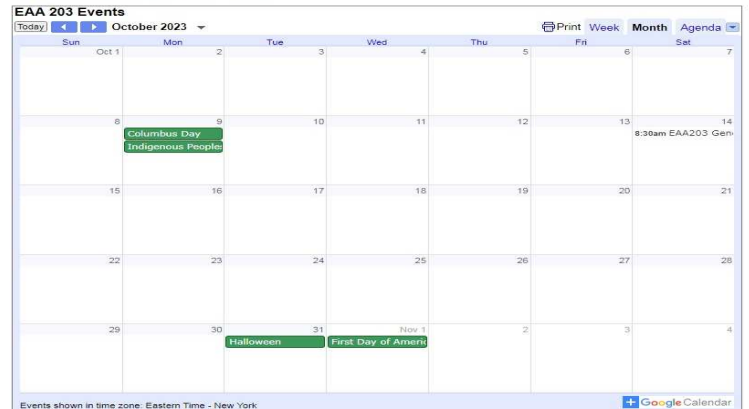
New Calendar of Events page on Web Site

Starting this month, we have incorporated an Event Calendar which hopefully will provide everyone a chance to see what is planned for the future. There are two views available. Select either Calendar or Agenda. Access the new calendar by going to www.chapters.eaa.org/ea203

EAA 203 Events Calendar



EAA 203 Events Calendar



Young Eagles



Ever wondered what your neighborhood looks like from the sky? Or maybe you're

curious how airplanes even work. You might even dream about being a pilot.

If you're nodding your head "Yes" and are between the ages of 8 and 17, you're ready to take a free Young Eagles flight and see what real pilots do on the ground and in the air.

Since 1992, more than 2 million Young Eagles have enjoyed a flight from EAA's network of volunteer pilots.

For more information contact Rick Golightly, metro9100@aol.com.

Meeting Directions

The next EAA Chapter 203 meeting will be held at the hangar located at North County Airport (F45). The EAA Hangar is found by going to the junction of the Beeline Highway (SR710) and PGA Blvd (SR786). Then go 2.6 miles NW (from PGA); turn left at the airport sign, and cross the train tracks. Follow the road to the hangar, which is on the left-hand side before you get to the FBO terminal, hangar 11250-5.

Barntoons



Used by kind permission of Dennis McLane (dennisdeanmclain@gmail.com)

Last Month's Aircraft – Velocity Model 173 SE

The Velocity Model 173 SE (Standard Elite) is an entry level canard pusher aircraft from Velocity Aircraft.[1][2][3] The four seat, rear engine aircraft may be powered by a 160 hp (120 kW) Lycoming IO-320 or a 200 hp (150 kW) Lycoming IO-360 engine.



Variants

Velocity SE-FG

Fixed landing gear version, 88 completed and flown by December 2011.

Velocity SE-RG

Retractable landing gear version, 180 completed and flown by December 2011.

Rocket Racer

The Mark-I X-Racer, a rocketplane design for the Rocket Racing League built on a Velocity SE airframe. It was built by XCOR Aerospace with an XCOR XR-4K14 1,500 lb thrust rocket engine fuelled by LOX and kerosene. This rocket-powered aircraft flew several demonstration flights at the 2008 EAA AirVenture Oshkosh air show.

Specifications (SE-RG IO-360)

General characteristics

- Crew: 1/2
- Capacity: 2/3 passengers / 1,000 lb payload
- Length: 19 ft
- Wingspan: 29 ft 4 in
- Height: 7 ft 9 in

- Empty weight: 1,300 lb
- Gross weight: 2,300 lb
- Fuel capacity: 60 US gal
- Powerplant: 1 × Lycoming IO-360 4-cyl. horizontally-opposed air-cooled piston engine, 200 hp (150 kW)

Performance

- Cruise speed: 215 mph at 75% power
- Landing speed: 81 mph
- Stall speed: 69 mph
- Never exceed speed: 230 mph IAS
- Range: 1,000 nmi (1,200 mi, 1,900 km) at 65% power
- Service ceiling: 20,000 ft
- g limits: +12 -7
- Rate of climb: 1,200 ft/min
- Wing loading: 18.88 lb/sq ft



The Rocket Racer on landing roll-out at Mojave.

September Meeting & Activities



Great Breakfast and a perfect day for hangar flying



You can never start flying too young



Woody's AutoGyro. One lucky member won a free ride.



Wings attached, canopy latched, engine and Joe are ready!!



Autogyro Presentation by Woody



VMC Meeting Following General Meeting

Newest Ray Aviation Scholar, Liam Edney

Submitted by Craig Buttery

Just an update on our newest Ray Aviation scholar Liam Edney. On October 4 Rick and myself (Craig Buttery) attended Liam's Eagle Court of honor.

In addition to his ambitions in aviation, Liam has been involved in the Boy Scouts of America since early in elementary school and he has now been awarded Scouting's highest rank. His leadership project was constructing 3 concrete pads for the military honor guards to use for funeral services. A formidable project for a 16 year old to secure all the needed permissions, expertise and coordination to form, pour and finish concrete for a national cemetery.

Rick and I both look forward to guiding him through the next steps of his aviation journey.



Need Oxygen?

Submitted by Estevan Di Giaimo Bataglia

After many frustrated attempts to find a decently priced oxygen refill service in the area, I decided to make an investment in my own filling station. Which turned out to be as expensive as filling oxygen in FBO 3 times!....

So, for the benefit of the group, if anyone needs oxygen, feel free to reach out. I will gladly provide O2 at cost. The tank is at my house in Weston so people can bring their cylinders here for refill or I could bring

it over to their airplanes. Just a matter of arranging the best setup.

The connector is "American standard" AN-800 (3/8-24) fitting.

DISCLAIMER: I will not provide a certificate of Aviation Breathable Oxygen. EXPERIMENTAL use only. I am not a business. It would be "at your own risk" basis :) but glad to share.

CGS Hawk Presentation This Saturday by Bob Santom

CGS Hawk Single & Ultra Specs & Pricing

	<u>Classic</u>	<u>Arrow I</u>	<u>Sport</u>	<u>Plus</u>	<u>Ultra</u>
Empty Weight	310lbs	310-330lbs	310lbs	350lbs	248-254lbs
Gross Weight	600lbs	625lbs	600lbs	800lbs	600lbs
Wing Span	28'10"	28'10"	28'10"	29'	28'10"
Wing Area	135 sf	135 sf	135 sf	135 sf	135 sf
Engine Size	40-65 HP	40-65 HP	40-65 HP	40-65 HP	28-40 HP
Rate of Climb	800-1100 fpm	800-1100 fpm	800-1100 fpm	800-1100 fpm	400-800 fpm
Cruise Speed	55-75 mph	55-75 mph	55-75 mph	60-80 mph	50-60 mph
Stall Speed	26-30 mph	28-34 mph	28-34 mph	35-40 mph	24-27 mph
Vne	100 mph	100 mph	100 mph	100 mph	85 mph
Assembly Time (first time builder)	200 hours	200 hours	200 hours	250 hours	250 hours
		(\$12,500 show price-July 2018)			
Basic Kit Price	N/A	\$ 13,500	TBD	TBD	\$ 12,500 (\$11,500 show price-July-2018)
Dacron Sails	\$ 3,100	\$ 3,100	\$ 3,100	\$ 3,100	\$ 3,100
Engine Prices	TBD	See below	TBD	TBD	See below
		\$3,476-\$5,177	Hirth 2702(40 HP)		\$ 2,857 Hirth F-33-recoil start(28 HP)
		\$4,959-\$6,589	Hirth F-23(50HP-twin cyl)		\$ 3,427 Hirth F-33-recoil w belt drive
		\$4,423-\$6,128	Hirth 3202(55 HP twin cyl)		\$ 3,778 Hirth F-33-elec start w belt drive

BASIC KIT INCLUDES AS STANDARD EQUIPMENT: Price - \$13,500.00

- Airframe with curved windshield and sharper slope of nose for improved visibility,
- 3-Position Wing Flaps - (not flaperons),
- 3-Axis Control,
- Full fuselage pilot surround (roll cage),
- Strengthened tail boom and streamlined wing struts,
- Shoulder Harness and Seat Belt,
- Larger vertical stabilizer and rudder,
- Heavy duty wings, 2 ¼" diameter leading edge and 1 ¾" diameter trailing edge, (FACTORY PRE-BUILT),
- Curved overhead carry through, increases head room by 3",
- All control surfaces are FACTORY PRE-BUILT, (flaps, ailerons, rudder, vertical & horizontal stabilizers and elevator),
- Heavy duty fiberglass landing gear legs,
- Your choice - tail dragger with steerable tail wheel or tricycle gear with steerable nose gear.
- Rough terrain wheels - 16" x 6.5" x 6",
- Streamlined Struts - aluminum,
- Streamlined landing gear fairings,
- 5 gallon fuel tank, Anodized 6061 T-6 aluminum tubing.

CGS Hawk Single & Ultra
Port St. Lucie, FL

bob@cgshawk.net
561-512-3230

lb@cgshawk.net



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Meetings

The Chapter normally meets monthly at 9:00 am on the second Saturday of each month at hangar 11250-5 at North County Airport. Guests are welcome to attend two meetings but are expected to join the Chapter at the third. Dues are \$35 per year.

Notice

A COPY OF THE OFFICIAL REGISTRATION AND FINANCIAL INFORMATION MAY BE OBTAINED FROM THE DIVISION OF CONSUMER SERVICES BY CALLING TOLL FREE 800-435-7352 WITHIN THE STATE. REGISTRATION DOES NOT IMPLY ENDORSEMENT, APPROVAL, OR RECOMMENDATION BY THE STATE.

Newsletter

Contributions need to be in the editor's hands by the last Wednesday of the month preceding publication, unless the moon is full, in which case the deadline is the Thursday preceding the first Wednesday prior to the next scheduled meeting of the Editor's staff. **Be an Author!! Send us something.**

Other Stuff

Board of Directors Meeting

Please contact President Bill Siegel for time and place of each monthly meeting.

Editor's Report

October 2023 Newsletter.
117 Email Notifications Sent.

Membership

37 Current Paid Members
03 Honorary Members

Advertising

Two and one-half column-inches costs \$5.00 per month. A half-page ad is \$15.00 per issue. Digital artwork or photos are preferred. Contact the editor for further details.

Chapter 203 members with email addresses on file will receive email notification of the link to the on-line edition of "Hangar Talk". Send your email address to the editor at Scott Thatcher, 423 SW Talquin Lane, Port Saint Lucie, Florida 34986. 561-818-0499 or sdthatcher@bellsouth.net.

Disclaimer

The content of this newsletter is provided for entertainment only. No claim is made, nor assurance given, for the accuracy of the material presented, nor do we verify anything before we print it. **Send rumors.**

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