Davis A&M Aviation programs begin to take flight

With the start of the 2019-2020 school year, Davis A&M Aviation Programs begin to take flight. The PHASTAR/Davis team are working to develop classroom and extracurricular programs to aid our students on their journey. Teacher, Eric Haggard, continues to work with PHASTAR team to develop the Aviation 2 elective that prepares students for careers in the Aerospace Industry. This class includes elements of Private Pilot ground school as well as introductions to other aspects of the industry. This past week, students boarded the PHASTAR bus for a trip to Cleveland Hopkins Airport. There students toured the Air Traffic Control facility, the United Airlines Maintenance Hangar and the airport operations center. The students represented Davis well and the feedback from the airport was overwhelmingly positive.

Aviation Club has also resumed with six students interested and eligible to begin their flight training.

(Aviation, Cont’d on pg. 11)
Volunteers & donations needed!

Learn how you can help!

VOLUNTEERS NEEDED!! PHASTAR is seeking energetic, motivated volunteers! Make a difference in the lives of local youth and consider volunteering with PHASTAR. With a wide variety of programming, we know that we can find you an opportunity perfectly suited to your interests and skills.

Your individual efforts will help to carry the PHASTAR Initiative.

We are seeking tutors, chaperones, speakers, aviators and mariners to help out at Davis A&M and at our Columbus Road facility. Trades people and general labor are still needed at our 1776 Columbus Road facility, and of course we always need help with fundraising and grant writing.

As a 501(c)(3) nonprofit corporation, we welcome contributions. Donations to PHASTAR are tax deductible. Monetary donations are accepted via cash, check, or through our website at phastar.org.

Other forms of donations, such as tangible goods, including boats and vehicles, are also accepted. If you are considering a donation, we would love to discuss it further with you.

As a grass roots effort, we depend on your contributions. Contact Drew Ferguson at 216.860.4883 or dferguson@phastar.org to determine how you can best contribute.

WANTED: Afternoon drivers with CDL-B

PHASTAR is currently seeking drivers with a CDL-B who are available during the afternoon to help us transport students participating in rowing at The Foundry.

Rowing is Monday, Tuesday, Wednesday, and Friday. The bus departs Davis A&M at 1440 Lakeside Ave. at 4:15pm to head to The Foundry located at 1831 Columbus Rd.

If you are interested, please contact Drew Ferguson.
Next PHASTAR Task Force Meeting to be held September 13th

The PHASTAR Task Force meets on a bi-monthly basis. Our next meeting will be held on Sept. 13th at 11:30am at Davis Aerospace and Maritime High School, 1440 Lakeside Ave. in Cleveland. We will meet on the first floor of the building. It’s a great opportunity to find out what we’ve been up to, what we’re planning, and to meet fellow Task Force members.

MARK YOUR CALENDAR!
Our November meeting will be held on Nov. 8th at 11:30am. Location TBD.

The Navigator is published quarterly by PHASTAR.

Submissions welcome!

The Navigator welcomes submissions on the topics of Education, Aviation, Aerospace, Maritime, Public Health & Safety, Discover Aviation Center, Ohio Interscholastic Drone Racing Association, After-School programs and all content relevant to our programs. Manuscripts for consideration are to be sent to info@phastar.org (pasted within email message preferred). Manuscripts are published at the editor’s discretion and edited to conform to style. The Navigator also welcomes the submission Letters to the Editor to be considered for publication.

The Navigator
C/O PHASTAR
1776 Columbus Rd.
Cleveland, Ohio 44113

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Learn all about the DAC Flying Club

The Discover Aviation Center Flying Club is currently looking for a new airplane. We plan to make this new airplane, along with our Cessna 172 and Piper Tomahawk, available to students at Davis A&M for flight training that would be conducted at Burke Lakefront Airport. The primary trainer will be the Piper Tomahawk.

Although DAC provides the airplane, it has been difficult to find a quality flight instructor willing to work as a contractor. We are teaming up with Top Gun Flight Consultants, based at Burke, to do just that.

Safety is our primary focus at the DAC.

One Mission:
Our members grow the pilot community with public outreach, a shared safety culture, affordable flying in well maintained aircraft and continual aviation education and exploration.

One Vision:
Our members make safety their priority, share their experiences, both good and bad and utilize all resources including the FAA Wings Program to remain proficient and confident through continued education.

Make Flying Fun
Discover Aviation Center makes flying fun by offering plenty of reasons to come to the airport. We have a hangar that keeps our aircraft out of the weather and serves as a meeting place for many different types of events like cookouts, safety seminars and meetings.

We also collaborate with other nonprofits like the EAA and CAP to promote aviation and grow each other’s memberships, and we organize fly-ins and other events that include “Discover Aviation Day”.

Make flying affordable
Discover Aviation Center makes flying affordable by offering well maintained older aircraft at reasonable rates.

DACFC is the perfect place for youth to learn to fly and earn a solo flight certificate like this!
rates. Our membership is set up to keep you in the air. The more you fly the less expensive the hourly rate.

**Make more pilots and help them earn more ratings**

We want to grow the pilot population by making more pilots and we don’t intend for you to stick around forever.

Pilots can get their ratings from us then go buy their own airplane and hanger. DAC will still be around to offer our annual training program and Safety Management System that pilots can use to build experience and confidence.

**Enhance the safety culture of all pilots in Northeast Ohio**

Discover Aviation Center Flying Club is the only flying club in the country that is actively pursuing approval by the local FSDO to enhance the region’s safety culture by offering a pilot annual training in conjunction with the FAA Safety Team Wings Program and our own Safety Management System (SMS). Our Safety Management System is being built because pilots make mistakes. If those mistakes are shared, analyzed and recorded and we can provide that pilot protection from certificate action, then we can collect the data and build a training program designed around the specific needs of Northeast Ohio area pilots.

The DACFC believes that if we build a strong safety culture right here, then you will be a safer and more confident aviator and share your love for aviation with others.

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**Meet Sydney: the first Davis A&M student to take a solo flight!**

Over the summer break, Sydney, a junior, became the first ever student at Davis Aerospace and Maritime High School to log “Pilot in Command” time as she took her first solo flight.

Sydney applied and was accepted to the U.S. Air Force A.C.E. Solo Flight Program that was held in July in Tuskegee, Alabama at the historic Tuskegee Airmen Airfeld. She was among only 20 high school students from around the country to participate in the program. It was at the A.C.E. Solo Flight Program that Sydney advanced to being able to fly solo.

All of us at DAC and PHASTAR are proud of Sydney’s achievement, and look forward to seeing her continue to advance in her flying career. Onward and upward!
PHASTAR partners with Spirit of America for youth boating education

In late July, PHASTAR announced a new partnership with the Spirit of America Foundation, a not-for-profit public service organization founded in 1995 that primarily serves the nation's youth by offering America's Premiere Youth Boating Education Programs.

Spirit of America offers a unique, safe and comprehensive water-based educational program, and instills confidence and fosters the spirit of teamwork in youth. The underlying goals of the program includes developing self-esteem while nurturing responsible behavior and positive, lifelong ambitions.

The program’s curriculum touches on all aspects of recreating on the water including: the Ohio boater education course, drowning prevention, canoe, kayak, stand-up paddleboard, powered watercraft and safety equipment.

Beyond the obvious boating and on-water skills learned, just being near the water has been shown to reduce stress, amplify creativity and increase innovation and insight. The Spirit of America program provides an introduction to water-based recreational activities in a way that allows students to dare to dream, learn, react and develop lifelong learning skills in a unique, safe and educational environment.

This new PHASTAR program is one of 19 Spirit of America locations across the United States, and will serve students at Davis Aerospace and Maritime High School in a year-round capacity through educational opportunities.

PHASTAR is currently working with the Maritime Science teacher at Davis A&M to incorporate the Spirit of America program into the school's curriculum. The program will also be open to other Cuyahoga County youth.

As a part of the program, Spirit of America partners are provided with all of the equipment and curriculum needed to successfully present the program in their community.

As we continue to develop this program, volunteers will be needed, especially for the on-water activities. If you have an interest in volunteering for PHASTAR's Spirit of America program, please contact us by email at info@phastar.org or call 216.860.4883.

For more information about the Spirit of America program and curriculum, please visit their website at www.spiritofamerica95.org.
PHASTAR trains River Ambassadors

On July 27th, PHASTAR held its inaugural River Ambassador training class, which included Lisa Toth, Pat Robinson, Marsita MacDonald, and Mike Miller. All four have American Canoe Association guide certification, and going forward they will assist us at the leaders and developers of this program.

The participants had three hours of classroom training and planning, followed by a two-hour cruise aboard the GOODTIME III with Captain Jordan Kit. Ambassadors were able to experience the river from the viewpoint of a larger commercial vessel.

We are very excited to see the River Ambassador program take off, and will continue to recruit for a class late in the season and early next year. Upcoming River Ambassador training opportunities will be announced on our website (phastar.org), as well as on our Facebook, Instagram and Twitter accounts. If you have any questions, please do not hesitate to reach out.

Port of Cleveland donates $40,000 to support PHASTAR

This summer, the Port of Cleveland made a contribution of $40,000 to PHASTAR for our Marine Safety and youth education programs that benefit the students of Davis Aerospace and Maritime High School and the local community.

The Port of Cleveland’s support of PHASTAR’s Marine Safety program is vital and the investment will improve safety, enhance public image of the Port and provide marine/maritime workforce training for our next generation. The funding provided will go toward student wages (deck hands at $10/hour and lifeguards at $12/hour), maintenance and fuel.

“The Port of Cleveland is proud to partner with PHASTAR in their efforts to bring maritime educational and vocational opportunities to Northeast Ohio youth,” said Port of Cleveland President and CEO Will Friedman; “The maritime industry has numerous career opportunities within the Great Lakes and beyond, thus, this is critical investment in the future workforce of scientists, engineers, pilots, technicians, labor and etc.. We look forward to the development of our partnership.”

“The support from the Port of Cleveland is critical,” said PHASTAR President Drew Ferguson, “The support is more than just a monetary contribution, but also an endorsement of the efforts by PHASTAR and our community partners.”

The Port’s support of this programming has also been recognized with the placement of a vinyl Port of Cleveland decal on both sides of the vessel.
The view from up top (on Sam Laud)!

PHASTAR’s Maritime Director of Operations, Capt. Carl Walker, and PHASTAR Task Force member Capt. Viola Hamlett (Owner, Star Marine Services) were invited to come aboard MV Sam Laud for an inbound voyage on the Cuyahoga River on Sept. 4th.

Brian Peterson, Assistant Vice President-Fleet Operations at American Steamship Company (ASC), extended the invitation to give PHASTAR insight into the experience of navigating the Cuyahoga River from the perspective of a 615-foot self-discharging bulk carrier.

Captains Walker and Hamlett departed Cleveland Bulk Terminal (CBT) inbound to Arcelor-Mittal docks at 1840hrs, arriving at 2330hrs. On this particular trip, the bulk carrier was transporting iron ore pellets. PHASTAR 2543 has escorted Sam Laud, as well as numerous other bulk carriers and deep draft vessels, inbound and outbound on the Cuyahoga River.

The Cuyahoga River is a federally navigable waterway that is also used for recreational purposes. Commercial vessels must carefully navigate the twisted river, while also avoiding an assortment of paddleboarders, kayakers, and other recreational boaters who don’t always understand the dangers of sharing the waterway with a large vessel and the inherent risks it can pose.

The information obtained from the September 4th voyage will help to enhance PHASTAR’s Cuyahoga River Deep Draft Escort/River Safety Patrol program.
Photos from PHASTAR’s recent voyage aboard Sam Laud:

Meet PHASTAR’s new maritime hires!

As awareness and demand for our Marine Safety Services increases, so has our need for highly qualified staff. We recently hired three new medics, who will primarily staff PHASTAR 2543.

They will work with our USCG licensed Captains, which now total four with Gregory Geracioti, who is also a medic, having recently earned his Captain’s license!

New Medics:
Danny Elbert
Cory Igneczi
Ryan Mackey

Current Captains:
Drew Ferguson
Gregory Geracioti
Peter Hotchkiss
Carl Walker
On August 28th, Cleveland Councilman Kerry McCormack made a special visit to Davis Aerospace and Maritime High School.

PHASTAR’s President and Maritime Director of Operations, Capt. Drew Ferguson and Capt. Carl Walker, respectively, gave Councilman McCormack and Flats Forward board member Scott Aylesworth a personal tour of the school.

McCormack represents Cleveland’s Ward 3, which is one of the most diverse wards in the city and includes the neighborhoods of Downtown, Tremont, Ohio City and Stockyards. Davis A&M resides within his ward.

The councilman’s support of the school and PHASTAR programs will be invaluable going forward.
Thursday Boat Day gives students & teachers a chance to get on the water

In late summer, PHASTAR launched a new after-school program for students at Davis Aerospace and Maritime High School dubbed “Thursday Boat Day.” As the name implies, interested students and staff can join PHASTAR Captains on one of two PHASTAR-owned vessels: our marine safety vessel PHASTAR 2543 or our sailboat, Different Drummer. Up to five students/staff can be on each vessel at a time. The weekly excursions last about two hours.

Maritime Science teacher Melania Santos has already joined PHASTAR staff on multiple occasions on “Liddle Blue” to see first-hand what students can expect on our safety patrols of the Cuyahoga River and deep draft escorts.

Thursday Boat Day will continue to the end of the boating season, or early November, with plans to resume the program in the spring at the start of the 2020 boating season here in Northeast Ohio.

Aviation, Cont’d from pg. 1

Building from experiences in the simulation lab, we plan to begin flight training through Discover Aviation Center guided programming in cooperation with Top Gun Consulting at Burke Lakefront Airport. This training maintains the high safety standards established by DAC while utilizing the expertise of Top Gun for flight instruction. Our approach offers the most cost effective means of provided training without sacrificing quality and safety. This program in particular will require extensive support from our PHASTAR team and Task Force. The results will be incredible.
Giving to PHASTAR

As a 501c3 nonprofit organization, PHASTAR relies heavily on the generosity of others to offer high-quality programs and initiatives for the area’s youth and most vulnerable residents.

Donations can be sent to:
PHASTAR
1776 Columbus Road
Cleveland, Ohio 44113

Your contribution will make a difference in the lives of Greater Cleveland youth, and will have a direct impact on their lives.

You can also make a donation on our website at www.phastar.org. Contact us at 216.860.4883 for other arrangements, or to set up a recurring donation. Other ways to give include volunteering your time, talents and/or services, or the donation of tangible goods. We are happy to discuss your possible donation.

HOW YOUR CONTRIBUTIONS IMPACT LOCAL YOUTH:

$50 = 1 hour of boat time on the water for up to 4 students at a time
$100 = 1 hour of flight time for a student interested in flying
$250 = 1 day of access to Fabrication Lab outside of school (weekends & holidays) OR 1 hour of safety vessel operation with full crew
$500 = 1 day field trip for up to 60 students
$1,000 = 1 month of utilities at PHASTAR facility providing educational opportunities
$5,000 = 1 year of support for Davis A&M’s Drone Racing Team
$10,000 = 1 private pilot license for a Davis A&M student
$25,000 = 1 CNC machine enabling high level design and manufacturing
$50,000 = 1 FAA Certified Flight Simulator allowing students to log flight time and advanced instrument training
$100,000 = 1 Mobile Mariner Ship Simulator providing qualification, certification, and credentialing to students, government, and industry partners