



201 TOURIST CENTER DRIVE, PO BOX 368, HAVELOCK, NC 28532



AVIATION CONNECTIONS: NEWSLETTER

Summer 2021

WWW.ECAVIATIONHERITAGE.COM

Eastern Carolina Aviation Heritage Foundation

August 2021

Thanks to our Sponsors!

Our sponsorship drive was a big success this year. Due to the pandemic, the 2021 Gala was cancelled, but that did not stop the generosity of so many organizations and individuals. ECAHF continued to meet and plan events for 2021 with the hope of being able to hold various events for the youth in Eastern North Carolina. Without the continued financial support of our sponsors, these events could not be possible.

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Richard Hazlett

Ward and Smith, PA

Morgan's Tavern & Grill of New Bern

Thanks to these sponsors and our membership, ECAHF raised more than \$15,000 to help continue the goals of the Foundation. Thank you all!!



FAMILY EVENT!

10th Annual Fly-In

FREE EVENT!

at the Havelock Tourist & Event Center
201 Tourist Center Drive

INTERACTIVE STEM ACTIVITIES,
DOOR PRIZES, GIVEAWAYS

LEARN ABOUT ENGINEERING, WEATHER,
AÉRODYNAMICS AND MUCH MORE!

Family Fun
Bring Lawn Chairs
Rain or Shine

Movie on the
Giant Screen

How to Train Your Dragon: The Hidden World

Friday, August 13, 2021

5-9 PM

For more information
Call 252-444-4348
Email: events@havelockevents.com
Website: www.ecaviationheritage.com



Plan to Attend

The Havelock Police Department is teaming up with ECAHF and will provide giveaways at the Fly-In. There will be door prize drawings for 6 bicycles. Winner must be present.

There will be numerous different interactive activities for the kids.

Bring your lawn chair or blanket and enjoy some popcorn and a family friendly movie! The event is FREE.

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*Spotlight an
Exhibit*



RQ-2B

Pioneer

Unmanned Aerial Vehicle (UAV)

Buno 300307

Manufactured December 2000

Pioneer performed a variety of reconnaissance, surveillance, target acquisition and battle damage assessment missions. The low radar cross section, low infrared signature and remote control versatility provided a degree of cover for the aircraft. *Pioneer* provided the tactical commander with real-time images of the battlefield or target.

RQ-2B Buno 300307 logged 1007 Flight Hours, and last flew June 2005 in Iraq's Al-Anbar Province. It was previously assigned to Marine Unmanned Aerial Vehicle Squadron-2 (Night Owls) and to 2nd Marine Aircraft Wing, MCAS, Cherry Point, NC in support of *Operation Iraqi Freedom*.

Length: 14 feet

Width: 16.9 feet

Height: 3.3 feet

Engine: 26-HP



What a great Summer Engineering Camp this year! Forty-four rising fourth, fifth, and sixth grade students participated in STEM activities throughout the week of July 19-23 at the Havelock Tourist & Event Center. Students were divided into design teams led by local school teachers and Engineers from FRC-East. In their teams, students were given the challenge to individually design and build various devices related to aviation and engineering. Students learned engineering fundamentals by exploring various experiments related to aviation. Each design team was also assigned a youth volunteer to assist with the various activities.

The theme this year was "To the Rescue: Engineering Aid Drop Packages." Students designed humanitarian airdrops. Our students or "packaging engineers" made sure that the supplies inside were not damaged, the package was easy to see when it landed, and the package let people know what was inside. Students used the Engineering Design Process (Imagine, Plan, Create, Improve, Ask) to help solve problems.

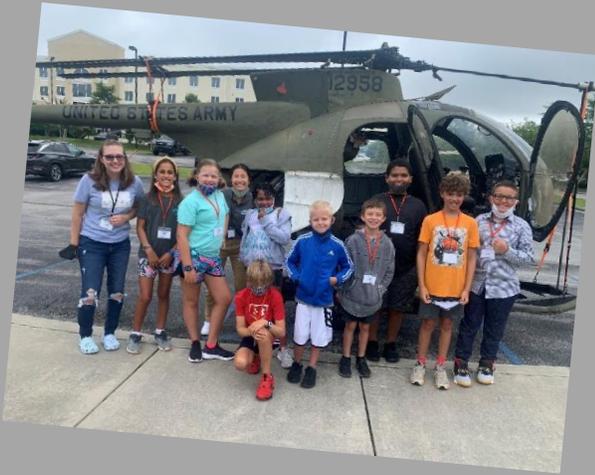
The Fabrication Lab (Fab Lab) from FRC-East was on site for the entire week. Students were able to use the 3D printer to produce their nametag. Also, during the week Mr. Greg Sabin shared his F-18 Flight Simulator with the students. Mr. Sabin built the simulator in his basement while everything was shut down due to COVID-19. In addition, on Tuesday Mr. Ed Hughes visited the camp with an OH-6 helicopter for the students to tour and Mr. Richard Hazlett opened the H-46D "Pedro" for students to get a close-up look at how this fine aircraft was used for rescue. These were all wonderful experiences for the students.

Thursday was "Egg Drop" Day. Students constructed packages with items they acquired with no more than 60 points. These packages were used carry the delicate cargo of an egg which was dropped from 20 feet high. Tom Braaten, chairman of ECAHF, was positioned in a scissorlift and he dropped each student's package to the ground. Believe it or not, the students had a success rate of 60%.

Friday was the big day for the Final Showcase. Due to safety precautions, the Final Showcase was livestreamed to YouTube. Students worked in groups and presented about their area of expertise to the virtual audience. The week was a huge success. We cannot wait until next year!



2021 Summer Engineering Camp





Please Join

ECAHF needs your support to share the story of the advancement of military aircraft and those who have made it possible in eastern North Carolina. Your membership helps to provide resources to encourage students to acquire science, technology, engineering, and math (STEM) skills through interactive exhibits and programs.

Together, our joint forces will recognize our neighbors' roles in advancing military aviation since 1942 when MCAS-Cherry Point was commissioned. In addition, your membership will help influence a new generation of aviation enthusiasts and skilled workers for the future. Be a part of this challenging and exciting mission.

Annual Membership

- Co-Pilot (Student) \$25.00
- Pilot (Individual) \$35.00
- Squadron \$50.00
(Sustaining/Family)
- Wing (Business/Friend of ECAHF Membership)
\$250.00

Name: _____

Address: _____

City/State: _____ Zip: _____

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252-444-4348



Havelock Tourist & Event Center

201 Tourist Center Drive

PO Box 368

Havelock, NC 28532

Visit us online:

<https://ecaviationheritage.com/>

Email us at:

events@havelocknc.us

