

Missions for America

*Semper vigilans!*  
*Semper volans!*



## The Coastwatcher

Newsletter of the Thames River Composite Squadron  
GON  
Connecticut Wing  
Civil Air Patrol

<http://capct075.web.officelive.com/default.aspx>

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|C/2Lt Brendan Flynn, Printer's Devil

Vol. IV No. 30

26 August, 2010

### SCHEDULE OF COMING EVENTS

#### August

- 29 AUG-G1000 Training
- 30 AUG-Orientation Flights
- 31 AUG -Cadet-Visit EAA B-17
- 31 AUG-01 SEP-TRCS Concession Stand at EAA.

#### For Future Planning

- 07 SEP-Squadron Pictures-Blues-Cadet CD
- 11 SEP-Squadron SAREX
- 12 SEP-Rifle Marksmanship-Quaker Hill
- 14 SEP-Cadet PT
- 02 OCT-First Aid Course
- 10 OCT-CTWG Olde Rhinebeck Trip
- 22-24 OCT-CTWG Conference
- 22-24 OCT-NER AEO Conf.- Intrepid A&SM
- 05-07 NOV-Glider Orientation Weekend
- TBA-1109 AVCRAD Helicopter Flights

### CADET MEETING

24 August, 2010

The Cadet Squadron engaged in practice drill.

A Character Development "Ground School" was held for new Cadets.

Maj Bourque ran an Emergency Services training session covering refit of the 24 hour kit and hot weather health hazards.

Cadet Daniels and VanDevander were promoted to Airmen. Cadets Schultz and Hall were promoted to Airmen First Class



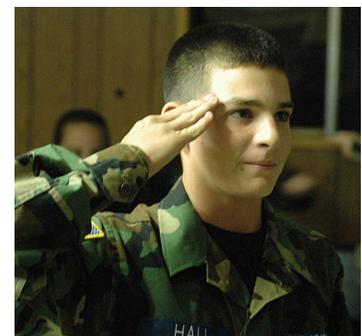
*C/Amn Daniels*



*C/Amn VanDevander*



*C/AIC Schultz*



*C/AIC Hall*

**UPCOMING FUND RAISER DURING EAA**  
**B-17 VISIT**

The Squadron plans to run a food concession stand and a CAP display during the Groton visit of their B-17 Flying Fortress, *Aluminum Overcast*, a World War II bomber. In addition, we will set up a display of CAP activities and park one of our aircraft near the B-17.



*Aluminum Overcast in Flight*

This is an excellent opportunity to raise funds, gain public exposure, offer service, disseminate information about CAP activities, and recruit new members.

The dates are Tuesday and Wednesday, August 31 and September 1. Our hours would be from around 0900 to 1700.

At the present time, Maj Rocketto will be on duty full time both days. At this time, only four others have volunteered to assist! Help is needed.

Participants will be offered a free tour of the aircraft. Please contact Maj Rocketto at [srocketto@aquilasys.com](mailto:srocketto@aquilasys.com) if you are interested in participating. State when you will be available.

**GLIDER WEEKEND IN VERMONT**

*05-07 November, 2010*

The following ten Cadets have committed to the Glider Weekend: VanDevander, Herzog, Daniels, Chartier, Flynn, Paquin, Hall, Ray, Cathcart, and Bunevich. This fills our quota.

If you are on this list and do not plan on going, let me know immediately.

If your name is not on this list and you wish to go, then send me an email and I will place you on an alternate list. If anyone drops out, you will take their place. First alternate is Cadet Schultz.

Plans are to leave on Friday after school lets out and return Sunday afternoon.

Detailed information will follow as we get closer to departure.

The cost is \$35 but the Squadron will underwrite \$25 so total cost is \$10 per Cadet. This covers room, board, and transportation. A check made out to TRCS-CAP should be tendered to our Finance Officer, Capt Lintelmann.

**UPCOMING FIRST AID/CPR COURSE**

*02 OCTOBER, 2010*

A first aid and CPR qualification course will be held at the East Haddam Fire Department, time to be announced. This course will be part of the mandated Safety Down Day. All Senior Members and Cadets are invited to attend. Cost is \$7 for Cadets. Senior cost will be set at a later date but will be nominal. Contact Lt Owens to sign up for this training. His email is: [spatch709@sbcglobal.net](mailto:spatch709@sbcglobal.net).

## COMMANDER'S CUP ROCKET CONTEST RESULTS

21 August, 2010

Three Squadrons and 30 Cadets competed in the The 2010 competition for The Commander's Cup. The event went down to the wire. At the end of the official competition, The Stratford Eagles and Thames River Composite Squadron were tied at 13 points each.

In Novice Class competition, Cadet who had never entered the contest before were judged on the construction and finish of a standard kit built rocket. Cadets Riccio of the Eagles and Paquin of Thames River tied for honors and were awarded five points each. Cadet Fusco's entry from the New Haven Minutemen placed third for one point

The "scratch built" Free Form competition required Cadets to construct a rocket from approved materials such as nose cones and body tubes but kits were not allowed. Laurels were garnered by Cadet Herzog with a model of a Tomahawk cruise missile for five more points for



*Cadet Paquin's Winning Entry in the Novice Class*

Thames River. Stratford's Junk Yard Dog by Cadet Walker placed second and garnered three points. New Haven did not enter this event. Thames River took the lead ten to eight.

The Altitude Contest followed. The only restriction was that a standard engine supplied by the Wing must be used. Cadet Walker of Stratford sent his rocket up to 377 feet. New Haven's Fusco 289 feet which was equaled by Cadet Hall from Thames River. The scoring rules gave Stratford ten points and Thames River and New Haven eight points each.



*Cadets Hall and Herzog with Herzog's Winning Tomahawk Cruise Missile*

The judges calculated the totals and found that that the Eagles and Thames River were tied at thirteen points each. A decision was made to use the second best scores from the Novice Class to break the tie. The score sheets of Cadet Walker of Stratford and Cadet Daniels were pulled and compared. Each rocket was worth nineteen points based upon construction and finish. After averaging the judge's scores, Cadet Walker earned 14.75 points to Cadet Daniels 13.5 points to win the Commander's Cup.

Majs Bourque and Rocketto led the team. The following Cadets participated: C/2Lt Flynn and Cadets Herzog Daniels, Pacquin, VanDevander, Schultz, Boruque, Hall, and Cathcart.



Support was lent by Capt Noniewicz, Capt Daley (USN) and Mr. Herzog. Capt Petry, Cadet Sponsors Mrs. Hall and VanDevander, and Mr. Vandevander.

The CTWG extends its thanks to Al Gloer and the members of CATO, the Connecticut amateur rocket club which has supported this event for the last three years, providing launch support and advice.

The judges were SM Decker, 2Lt Franco, 1Lt Fortes, Capt Petry, and Maj Rocketto.

**SENIOR MEETING**  
*24 August, 2010*

A G1000 Cessna 182 will be available on the GON ramp on Saturday morning for "switchology" practice. The aircraft will fly training mission in the afternoon. The activity commences at 0800. Contact Scott Farley if you plan to participate.

A planning committee lead by Maj Bergey met and planned future exercises. A SAREX is planned for 11 September with Danielson and New Haven. The exercise commences at 0800. The intent will be to practice ground team and aircraft coordination. Email Col Bergey or Lt Farley with training needs if you wish to participate.

**CYBERPATRIOT CONTEST**

There is an opportunity for CAP Cadets to participate in a cutting-edge program that the Air Force Association is promoting to focus students toward exploration of technological career paths. CyberPatriot is a competition that tests the ability of the students to defend a simulated corporate network from external hostile attacks. But, it is far more than just a competition. It is designed to educate and motivate your cadets to become the cyber defenders the nation needs while promoting Science, Technology, Engineering, and Mathematics. There is no cost to any CAP teams that participate, as both CAP and the Air Force organizations are sponsoring these cadets.

You can also read about this competition on the AFA Web site at <http://www.uscyberpatriot.org>.

**UPCOMING NORTHEAST REGION  
AEROSPACE EDUCATOR ACADEMY**  
*22-24 AUGUST, 2010*

The NER AEO Academy will take place on board the USS Intrepid Sea Air & Space Museum, in New York City, on Friday, Saturday and Sunday, 22-24 October 2010. Registration and check in will be on Thursday evening 21 Oct and graduation will be early afternoon on Sunday 24 Oct. Full details will be forthcoming.

Intrepid's Education Department staff are very excited to have the opportunity to both host CAP and to work with us. In this instance we share the same mission: Aerospace Education. Here is the link to Intrepid: <http://www.intrepidmuseum.org/>



*∨A French Navy Dassault Entendard IVM  
Displayed on the Deck of The Intrepid*

## CURRENT EVENTS

### *Drones in the News*

Iran announced unveiled its *Karrar* unmanned bomber this week. The jet powered aircraft is reported to fly at speeds in excess of 5000 mph and can carry a 500 lb payload a distance of 600 miles.

Northrop Grumman announced two new proof of concept designs, the MQ-X and the MUVR, a clear indication of the company's commitment to unmanned aircraft.

A twin boomed high aspect wing drone emerged from the Lockheed Martin Skunk Works. The vehicle is aimed at the medium altitude surveillance role.

AeroVironment's *Global Observer* flew its first flight. The aircraft is powered by electric motors run off of a hydrogen fuel system. The aircraft is proposed for weeklong reconnaissance and communication relay missions.

The USAF's X-37B has been boosted to a higher orbit as it completes its fourth month. A return for landing to Vandenberg AFB is anticipated at some unannounced date.

### *Rare Curtiss SB2C-4 Helldiver Recovered*

In May of 1945, the aircraft suffered engine failure and crash-landed in a reservoir near San Diego, California.

Discovered last year by a fisherman using a fish finder, the aircraft was photographed and its identity confirmed.

The aircraft will be restored and will probably end up on display at the National Museum of Naval Aviation, Pensacola, Florida.



*One of the Last of the Surviving Helldivers*

## AEROSPACE HISTORY

27 AUG, 1910-James A. McCurdy, flying a Curtiss biplane transmits and receives messages with Harry M. Horton, Sheepshead Bay, Brooklyn.

28 AUG, 1972-Capt Steve Ritchie becomes the first USAF ace since the Korean War and one of the three USAF aces to earn the title in the Vietnam conflict. The other two were both Weapons Systems Officers flying in the back seat of the McDonnell F-4. Capt Charles DeBellvue was partnered with Ritchie on four of his kills and his total of six make him the top ace. Captain Jeffrey Feinstein is credited with five.

29 AUG, 1970-First Flight of the Douglas DC-10.



*KC-10 Extender, the flight refueling version of the DC-10.*



31 AUG, 1956-First Flight of the Boeing KC-135.  
*KC-135 Stratotanker*