

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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### SCHEDULE OF COMING EVENTS

#### July

- 06 JUL-Cadets-PT and Testing/Seniors-TBD
- 11 JUL-WAA Pancake Breakfast, 0900-1300
- 13 JUL-Cadets-Character Development/Ldrshp 4  
Seniors-Commander's Call
- 20 JUL-Cadets-Mod One/Rocket Contest Prep  
Seniors-ES training
- 24 JUL-Squadron SAREX
- 27JUL-Cadets-Mod One/Color Guard/team build.  
Seniors-Squadron Training
- 31 JUL-Cadet Orientation Flights
- 31 JUL-7 AUG CTWG Encampment

#### For Future Planning

- 21 AUG-Commander's Cup Rocketry
- 09 OCT-CTWG Olde Rhinebeck Trip (tentative)
- 22-24 OCT-CTWG Conference
- TBA-1109 AVCRAD Helicopter Flights

### CADET MEETING

22 June, 2010

The meeting was devoted to preparing the Alpha Rockets for the Commander's Cup Rocketry Contest in August.

### SQUADRON PICNIC

29 June, 2010

Approximately three score family members, Cadets, and Officers attended the annual Thames River Composite Squadron picnic on the last Tuesday in June. Mrs. Constance Bourque and Capt Wojtcuk organized a sumptuous repast with three varieties of chicken, pulled pork, burgers, tube steaks, and a veritable cornucopia of side dishes and desserts. The gathering ate, conversed, ate. engaged in games and ate until eight.



*The mob mills about, sampling the "forespeis" and anticipating the main courses.*



*Our pair of chefs extraordinaire prepare the toothsome delights.*

*The food queue!*



## CADET GLIDER ORIENTATION FLIGHTS AND GLIDER ACADEMY

The Springfield Composite Squadron in Vermont is offering two opportunities for Cadets to participate in glider and powered flight.

The first is a weekend program offering glider orientation flights and is held on every second and fourth Friday to Sunday weekend subject to special events and weather. Cadet Orientation Rides 1-5 are offered. Total cost including room, board, and fees is \$35. Cadets may attend as a Squadron event or individually, space permitting.

Cadets will review the review the "Wing Walkers" on-line course on Friday night and engage in a full program of flight and social activities on Saturday and Sunday.

The program circular states that

The sailplane has dual flight controls, and your glider pilot will sit behind you. Your pilot has all the directional controls that you have and will show you the control motions or follow along with you as you are learning to guide the sail-plane. You'll learn to fly the sailplane straight and level and to turn it in varying degrees of bank. You will glide down to enter the airport traffic pattern at a predetermined altitude and will fly your approach precisely, land your craft with its wings level, and stop where you want to stop.

This would be an excellent weekend activity for our Squadron and would depend upon the availability of a Senior Member as Project Officer and the enthusiasm of our Cadet Corps for this activity. Contact Maj Rocketto by email if you are interested.

The second program offered by Springfield is a one week Powered Flight Academy, Sunday through Friday. The cost for five nights room and

board, instruction, and fees is \$750. The course starts on August 15th and included ground school and 10 hours in a Cessna 172.

### SAREX

19 July, 2010

The Squadron held a combined air and ground SAREX on Saturday, the 19th.

Aircrews consisting of Maj Bergey and Lts Farley and Looney and Maj Neilson and Lts Owens and Miller used beacon signals to locate a "lost" hiker, Capt Noniewicz. Noniewicz displayed a blue tarp and used a mirror to signal to the aircraft.



*Compare the two images. On the left, you will find a lone individual and a blue tarp. On the right, the "lost" hiker is using a signal mirror to denote his position, proof of the utility of this simple, cheap signaling device. Don't leave home without it! (Photos by Scott Owens)*

A third sortie, LtCol Wisehart and Capt Petry trained in the G1000 "glass cockpit" equipped aircraft.

## NATIONAL EMERGENCY SERVICES ACADEMY

LtCol Doucette and Maj Rocketto attended the second week of the National Emergency Services Academy at Camp Atterbury, Indiana.

One the way out, our intrepid students stopped at the Neil Armstrong Air and Space Museum in Wapokeneta, Ohio



*The TRCS van, 06007, stands next to Neil Armstrong's Douglas F5D Skylancer, NASA 802, one of only four manufactured, and the only survivor. In the early '60s, Armstrong flew this aircraft for NASA simulating flight characteristics of the projected "Dyna-Soar" vehicle, a planned predecessor of the "Space Shuttle."*



*Col Doucette, on left, with his team.*

Col Doucette enrolled in the aerial photography course in which he practiced with the specialized camera and GPS system now standardized by CAP. But the actual photography was only a preliminary to the meat of the course which concentrated on the assembly, annotation, and transmission of the data to the customer.



*Col Doucette's image of a truck, stranded on a flooded road. The visible "wake" indicates the speed of the stream.*



*One of Col Doucette's targets, a breached dam, illustrating the annotations added to the image for informational purposes.*

Maj Rocketto participated in the Mission Pilot program and flew four sorties in which he and his Observer planned and executed standard CAP searches ranging from the relatively simple route search to the more complex expanding square. Their final flight had them locate a beacon using both the Becker direction finding equipment and the wing null method.

The six students in his class were formed into two teams, one of which was flown by Connecticut's Lt Egan. The flew five sorties, first reviewing Scanner skills, and then engaging in recording ground objects ranging from dams to buildings. After each sortie, they spent hours hunched over computers in order to package their data in to a usable form.

Maj Rocketto is proud to announce that his Observer, John Outlan of Memphis, Tennessee, was chosen Honor Graduate, no doubt for his ability in keeping Maj Rocketto from getting lost in Kentucky where he kept insisting he wished to go to search for the legendary well from which all bourbon flows.



*Instructor Louisa Jenks from Alaska and Observer John Outlan, hale, hearty, and relieved after their last flight with Maj Rocketto.*

The 2010 NESA flight program was based at the Columbus, Indiana Municipal Airport (BAK) and utilized a fleet of some two dozen planes, Cessna 172s, 182s, 206s, and the Gippsland GA-8. Some 600 sorties were launched in the two weeks totaling around 900 hours of flight time.



*The apron at BAK, formerly Bakalar Army Airfield, once used to train WACO CG-4 glider pilots and Douglas C-47 tow pilots. Part of the CAP fleet appears at left and the old style control tower is evident in frame center.*



*Reconstructed CG-4 "front office" on display at the Attenbury-Bakalar Air Museum.*

## AVIATION HISTORY MILESTONES CURRENT EVENTS

07 July, 1915-Robert Goddard obtains his first patent for a liquid fueled rocket.

11 July, 1955-The first class of Cadets is sworn in at the USAF Academy temporary facilities at Lowry AFB, Colorado.

14 July, 1974-General Carl "Tooe" Spatz goes West.



20 July, 1956-The first KC-135 Stratotanker leaves the Boeing factory



21 July, 1946-Cmdr. James Davidson piloting a McDonnell XFD-1 Phantom makes the first landing of a turbojet aircraft on a US aircraft carrier, the USS Franklin D. Roosevelt.

