



Mission for America

*Semper vigilans!
Semper volans!*

The Coastwatcher

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

website: <http://cap-ct075.com/default.aspx>

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Schedule of Coming Events

November

17 SAT Wing 'O Flight
20 TUE Squadron Meeting
27 TUE Squadron Meeting
29 THU USCGA Lecture

December

01 SAT Field Trip to ANG A-10 Facility
Civil Air Patrol Day in Connecticut
04 TUE Squadron Meeting (PT)
05 WED CTWG SCC/CAC
09 SUN East Eagle Scout Ceremony
11 TUE Squadron Meeting/CC/Testing (BDU)
18 TUE Squadron Meeting (Blues)
19 WED CTWG Staff Meeting

WING O' FLIGHT

A Wing Orientation Flight Day will be held at the Waterbury-Oxford Airport on Saturday, 17 November. Interested Cadets should contact Captain Rocketto at rocketto@aquilasys.com.

If enough cadets express interest, we will provide van transportation. Reply by November 15th.

MANDATORY SAFETY DAY

A mandatory safety day was held for CTWG flight crews on Saturday, the 10th of September. The program was organized by Wing Flying Safety Officer Leo LeBoeuf who cautioned us to pay strict attention to operational risk management and to "look for a reason not to take off."

Thames River Composite Squadron Mission Pilot Capt Paul Noniewicz discussed the application of ORM to mission flying. He pointed out that only risks necessary for mission completion ought to be accepted and that the benefits must outweigh the costs. Risk decisions must be applied at all levels of preparation from the initial briefing to the completion of the flight and that every crew member must be involved.

Maj Michael Berlin then showed a film from the Air Safety Foundation about the airmanship and judgment necessary for maneuvering flight.

Col Lloyd Sturges, Wing Director of Operations reviewed the paperwork necessary to adequately document a mission. He explained the details of the Web Mission Information Reporting System (WMIRS) and its importance as the conduit for receiving credit from the USAF for our work. He also reviewed the proper way to fill out aircraft flight logs.

In addition to Capt Noniewicz, ten other members of our squadron attended: Lt Cols Kinch and Wisheart, Maj Neilson, Capts Bourque and Rocketto, Lts Miller, Lintelmann, Heard, and Mariano, and S/M Farley.

EAST EAGLE SCOUT CEREMONY

Cadet Shawn East invites Squadron members to attend his Eagle Scout Ceremony on Sunday, 09 December, at 1300 at the Quaker Hill Rod and Gun Club. Scouts are requested to wear their uniforms. If you plan on attending, please notify Cadet East by 01 December. E-mail should be sent to andreweast@msn.

CADET MEETING MINUTES
13 November, 2007

C/MSgt Molinari led an opening formation.

Lt Wojtcuk conducted testing.

Cadet Abigail Wojtcuk selected the survival blanket as her prize for the last "Quiz of the Week" contest.

C/MSgt Michael Molinari was presented with his National Cadet Summer Activities Ribbon with Four Stars. Cadets Michael Molinari, Mary Biekert, and George Abbiati, were presented the Wright Achievement Certificates.

Capt Rocketto reemphasized the importance of using e-mail communications to keep the leadership advised about the availability of cadets for attendance at special activities.

Cadets turned in funds from their citrus fruit sales and additional materials were distributed.

GROUND OBSERVER CORPS REDUX

Last week's mystery aircraft was the Sikorsky Seaguard, an example of which can be found at the New England Air Museum. Originally designated as the HU2S-1G under the old Navy system, a 1962 directive from the DOD standardized names and so Sikorsky model S-62 became the HH-52A. This was the first turbine powered helicopter and the first boat hulled amphibious helicopter operated by the United States Coast Guard. They were produced at the Stratford, Connecticut plant and the first unit delivered was stationed nearby at the Salem, Massachusetts air station in January of 1963.

The introduction of the Seaguard coincided with



the introduction of the first cutters deliberately designed to support helicopter operations, the Famous, Reliance, and Hamilton classes.

*The Hamilton Class USCG Cutter Chase
(WHEC-718) Displays Copter Pad Aft*

The introduction of the first specially designed search and rescue helicopter and the new cutters brought new training and logistic problems to the Coast Guard but all were overcome and the the "52" performed yeoman service. At the time of its retirement in 1989, had been credited with more rescues than any other helicopter in history.

Now it is time to take a look at the new mystery aircraft, a unique design from a Connecticut manufacturer.



Mystery Aircraft of the Week

USCGA LECTURE

Black Holes and the Big Bang

On Thursday, 29 November, Dr. June Matthews, Massachusetts Institute of Technology, will discuss the topic of particle physics and the Big Bang cosmology.

The lecture will be held in Dimick Hall at 2000 and will be preceded, if there is any interest, by a

pizza dinner hosted by Capt Rocketto. If you are interested in attending, you must e-mail Capt Rocketto by Tuesday, the 27th.

ANSWERS TO THE LAST QUIZ OF THE WEEK

The Challenge was Issued

Which Cadet Triumphed?

1. What was the name of the U.S. Navy Captain who flew as Weaponeer on the *Enola Gay*? William Sterling Parsons
2. What was the name of the pilot of *Bocks Car*, the aircraft which dropped “Fat Boy” on Nagasaki? Charles W. Sweeney
3. What is the essential chemical difference between “Fat Man” and “Little Boy?” “Little Boy” used enriched U-235. “Fat Man” used plutonium.
4. The white mystery helicopter states that it is based in Brooklyn. The USCG Air Station in Brooklyn is based on a field named for a famous navy enlisted pilot. Who was he? Floyd Bennet was a USN Warrant Officer who was a pilot associated with Richard Byrd's early polar and Atlantic flights.
5. The Mobile based helicopter has a red-dominated paint scheme. What was the original mission of those helicopters which first received this high visibility paint? These machines were assigned to Coast Guard Cutters operating in the Arctic and Antarctic regions.
6. The commercial airport for Lima, Peru is called Aeropuerto Jorge Chavez. Who was Jorge Chavez and what was his achievement in aviation history. Jorge Chavez was a Peruvian citizen who lived in France. He set a number of altitude records and was the first person to cross the Alps although he was fatally injured when his airframe failed upon landing. Reputedly, his last words were “Arriba, siempre arriba” (Higher, always higher) which is now the motto of the Peruvian Air Force.
3. What is the mathematical relationship between the frequency broadcast by civil ELTs and the military ELTs?
4. Identify the mystery airplane of the week.
5. What was the original nationality of the founder of the Sikorsky company?
6. What was the first name of the founder of the Sikorsky company?
7. What was William Sterling Parsons nickname?
8. What is the mechanical difference between the methods used to initiate the nuclear reaction in “Fat Man” and “Little Boy?”
9. For whom is the USCG Cutter Chase named and why?
10. On what denomination of U.S. currency does Chase appear?

FRUIT SALE

The sale ends on Tuesday, the 20th. Turn in all of your invoices and collected money at the meeting. Currently, the sales leaders are as follows:

The Wojtcuk Syndicate (21), Capt Rocketto (17), Ryan Montgomery (11), Col Kinch (7), Shawn East (7), Capt Bourque (6), George Barberan (4), and Lts Miller and Jalbert (1 each).

**UNCLE STEVE
NEEDS YOU...TO
SELL FRUIT**



THE NEW QUIZ OF THE WEEK

Will some Cadet take up the challenge?

1. What is the full designation of the “mystery airplane” for this week?
2. The ELT which 73X searched for this week operated on 243.0 MHz. Translate the symbol “Mhz” into ordinary English.

MISSION

The Squadron launched an ELT search on Thursday last. Two satellite hits indicated a beacon was broadcasting on 243.0 MHz in the vicinity of Rocky Hill, Ct. Maj DeAndrade, Col Kinch, and Capt Rocketto flew to the area in 73X but did not hear the beacon. Since 243.0 MHz is

the military frequency, they flew over the Air National Guard facilities at Bradley as a further check but discovered nothing. Another signal was then reported on 121.5 MHz and a ground team was dispatched but the signal grew weaker and then disappeared. No finds were recorded.



Maj DeAndrade and Col Kinch on ELT Search

SQUADRON COMMANDER'S CALL

Col Kinch held Commander's Call on Tuesday and briefed the Squadron on a number of important issues. He reiterated the points covered in the "Wing Safety Down Day" which is covered in a separate article in this edition but noted that the Wing PAO will be distributing a CD of the meeting for those members who could not attend.

The work on the new trailer has progressed with the connection of the electrical system. However, one heating unit is not working, the skirts must be installed before winter, the hole dug to bury the electrical conduits must be filled, and the ramp construction material must be stored. Once these issues are settled, we will commence moving equipment into the office and conference space. The new trailer will house an administrative office, a radio room, two conference/classrooms, and the Commander's office. Additionally, the Squadron VHF and HF antennas will be either replaced or reinstalled. Once these tasks are

completed, we will resume occupancy and establish a training schedule for both new senior members and veterans.



Groton Utilities Reconnects Trailer to the Grid



Electrician Henry Douton Tests System

The future promises some interesting work for the Squadron. The Wing is receiving two aircraft, a new glass cockpit Cessna 182 and a Maule M-7. The Long Island Sound Patrol will continue next summer and a Homeland Security Component may be added. The CT Department of Environmental Protection is also interested in establishing a "Moose Patrol." The incursion of these rather large herbivores into our region necessitates some animal control measures. Plans are being made to tag the moose with radios and track them from aircraft.

LtCol Wisehart presented a safety briefing focused on preparing for cold weather travel. Vehicle checks, the carriage of water and food, the wearing of adequate clothing.

Col Wisehart reminded us of the danger of "hangar rash" and the need to use caution when moving aircraft.

The Aircraft Owners and Pilots Association safety website provides a good source of seminars, bulletins, and quizzes relating to safety. It is found at <http://www.aopa.org.asf>.