

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

August

17 AUG-Cadet-Mitchell Awards Ceremony
Senior-Emergency Services Training
21 AUG-Commander's Cup Rocketry Contest
24 AUG-Mitchell Award Ceremony-1830-Blues
31 AUG -Cadet-Visit EAA B-17
31 AUG-01 SEP-TRCS Concession Stand at EAA.

For Future Planning

07 SEP-Squadron Pictures-Blues
12 SEP-Rifle Marksmanship (tentative)
02 OCT-First Aid Course
10 OCT-CTWG Olde Rhinebeck Trip
22-24 OCT-CTWG Conference
05-07 NOV-Glider Orientation Weekend
TBA-1109 AVCRAD Helicopter Flights

CADET MEETING

10 August, 2010

The Cadets continued working on the rockets for the Wing Rocketry Competition on 21 August.

UPCOMING MITCHELL CEREMONY

24 August, 2010

Three Cadets will be awarded Mitchell Ribbons and promoted to Cadet Second Lieutenants at the next meeting. The uniform of the day is blues or suitable civilian dress. All Squadron members are expected to attend. The ceremony commences at 1830.

CADET MEETING UPDATES

20 and 27 July, 2010

LtCol Bergey and Capt Lintelmann taught *Aerospace Education Module One, Introduction to Flight*.

The Cadets worked on rocket projects to earn the Rocketry Badge and prepare for the Wing Rocketry Competition.

MINI BIVOUAC

11-12 August, 2010

Cadets met for two days for Emergency Services Training and rocket building under the direction of Capt Wojtcuk.

The first day's activity was held at Casa Wojtcuk. Maj Bourque led the Cadets in a series of ES training events. Cadets remained over night in tents. A cornucopia of foodstuffs were prepared by our "Ladies Auxiliary."

After settling in, the Cadets traveled to Mohegan Park where they were tasked with finding a lost person equipped with an emergency beacon. After

an hours search using the L-Per, a portable radio direction finder, the group found Capt Wojtcuk, and snacked on fruit salad. For the next three hours, they worked on various ground team qualifications.



They then took a break in a local swimming pool which ended when Capt Wojtcuk decided to make a fully clothed full immersion baptism.

Dinner was lasagna made with homemade noodles prepared by the Flynns, salad , and garlic bread.

Practice entering SQTRs into the CAP data base followed and the Cadets printed out their 101 cards and laminated them.

"Lights Out" was delayed in order for the group to view the movie *Flyboys*.

The second day's activity was held at the Squadron trailers. Maj Rocketto and a cadre of experienced supervised the construction of rockets for the upcoming Wing Rocketry Contest and qualifications for the Rocketry Badge.



During the last hour, the Cadets cleaned the trailer and arranged the main meeting room for the Mitchell Ceremony which will be held at the regular Tuesday meeting.

Cadets attending were Alexis Wojtcuk, Abigail Wojtcuk, Bourque, Bunevich, Cathcart, Chartier, Daniels, Flynn, Hall, Orlando, Paquin, D. Rodriguz, M. Rodriguez, Shultz, and VanDevander.

UPCOMING FUND RAISER DURING EAA B-17 VISIT

We have been invited by the Experimental Aircraft Association to participate in the visit of their B-17 Flying Fortress, *Aluminum Overcast*, a World War II bomber.



Aluminum Overcast in Flight

We have been offered the food concession and an opportunity to set up CAP displays and park one of our aircraft by the bomber.

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

Cadets will be offered a free tour of the aircraft as part of the participation handling the flow of the crowd. Please contact Maj Rocketto at srocketto@aquilasys.com if you are interested in participating. State when you will be available,

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.

COMMANDER'S CALL

10 AUGUST, 2010

Lt Farley and Capt Noniewicz analyzed lessons learned during the New England Region SAREX on 31 July and 01 August. Frequency congestion and delays in tasking were the principal problems.

Seven hours flight time are available for August training. The focus will be on SAR proficiency and GX55 search pattern techniques. Officers should contact Lt Farley with their training proposals.

A Squadron photo will be taken taken at the September Commander's Call. All Officers are expected to wear blues.

Capt Noniewicz conducted a safety quiz.

Lt Looney will draw up a list of trailer maintenance tasks. The Squadron has suffered recent lightning damage from the storm last week. The electrical panel in the Cadet trailer and two computers were damaged. Lt Looney and Maj Rocketto are also proceeding with plans to install the new flagpole and weather satellite downlink antenna.

The Squadron is looking for a Mission Pilot substitute for Capt Noniewicz on the 2nd flight on 21 August.

NER EXERCISE REPORT UPDATE

This article is an amplification of the report on the NER SAREX which took place on 31 July-01 August.

The crews were busy with training beacons in Hamden and Block Island Sound and a real ELT off Fishers Island. Photo reconnaissance was performed along the Housatonic River, communications were practiced and a ground team was directed from the air.

Aside from Major Neilson who directed air operations, other Thames River Composite Squadron members participating were Mission Pilots Noniewicz and Farley and Scanner Looney. LtCol Bergey flew as both Scanner and Observer.

CURRENT EVENTS

ISS Cooling Problems

The International Space Station is experiencing cooling problems due to a failed ammonia pump. Astronauts spent eight hours during a first spacewalk but failed to remove the device which is about the size of a bathtub and has a mass of about 350 kg.

During a second spacewalk on Wednesday, the two astronauts succeeded in removing the pump after five hours of work. A spare pump is scheduled to be installed on Sunday.

Sikorsky X2 Sets Unofficial Rotorcraft Speed Record

Sikorsky's X2 Technology Demonstrator broke the 25 year old 249 mph speed record with a 258 mph flight last week. Plans are set to reach 288 mph later this year.

The X2 is a turbine powered helicopter with a counter-rotating coaxial rotor system and a pusher

propeller in the tail to provide additional thrust. Advanced electronics systems provide stability and vibration damping.



AEROSPACE HISTORY

16 AUG, 1960-Capt. Joseph William Kittinger II sets records for the highest parachute jump and the longest delayed jump when he departed from the balloon Excelsior III at an altitude of 102,800 feet. In the thin upper atmosphere, his vertical speed exceeded 600 mph and there is some speculation that during his free fall, he exceeded the speed of sound which is somewhat lower in less dense air.

17 AUG, 1943-The Eighth Air Force sends 376 bombers to attack the Messerschmitt works at Regensburg and the ball bearing industry at Schweinfurt. Weather conditions cause a delay in launching the Regensburg force and the *Luftwaffe* is able to concentrate its attacks on the force bombing Schweinfurt. Approximately one third of the force is shot down or damaged beyond repair.

18/19 AUG, 1960-A C-119 makes the first aerial recovery of a returning artificial satellite payload when it snags the Discoverer 14 capsule descending over the Pacific by parachute.

The Discoverer Project was a cover for the Corona Project, a military reconnaissance program using what became known as the "Keyhole" satellites to photograph denied areas.



Fairchild C-119J Packet at the USAF Museum. This particular craft is the one which accomplished the first aerial recovery of a re-entering satellite.



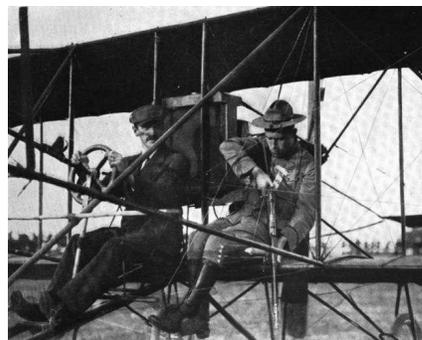
The parachute equipped satellite was located by radio direction finding techniques. The special VHF Yagis served as the antenna system.

The aircraft bears a mission mark depicting the parachute attached satellite.



19 AUG, 1871-Orville Wright is born.

20 AUG, 1910-Glenn Curtiss pilots a Curtiss biplane accompanied by Lt Jacob Earl Fickel. Fickel, armed with a Springfield 1903 rifle, fires two shots at a ground target from a 100 foot altitude. This is the first recorded attempt of using a firearm from an aircraft. Fickel rises to the rank of Major General and after serving in two wars, retires in 1946.



Curtiss and Fickel pose for the press.