

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>

S. Rocketto, Editor
srocketto@aquilasys.com

C/2Lt Flynn, Cub Reporter
1Lt Scott Owens, Paparazzi

Vol. V, No 10

10 March, 2011

SCHEDULE OF COMING EVENTS

For Future Planning

Cadet meetings normally start with drill and end with aerospace history, current events, and Commander's moment. Blues are worn on the second week of the month and BDUs at other times. Main topics will be indicated on the schedule below. See website for updates.

08 MAR-Commander's Ca;;
12 MAR-Cadet Drill Day 0900-1400
15 MAR-Aerospace-Lt Miller on Aircraft Design
22 MAR-Emergency Services
-Professional Development Program
29 MAR-Preparation for Tri-State SAREX

01-03 APR-Tri-State SAREX
07 APR-GON AOA renewals-1000 hours
16 APR-CSRRA High Power Rifle Clinic
13-15 MAY-CTWG Great Starts
21-22 MAY-Corporate Learning Course (tentative)
21-25 JUN-National AEO School
9-16 JUL-RSC-McGuire AFB
9-16 JUL-Reg. Cadet Ldrshp School-Concord, NH
23 JUL-07 AUG-NESA (two sessions)
08-14 AUG-CTWG Encampment
13-20 AUG-Reg. Cadet Ldrshp School-McGuire
17-20 AUG-CAP Nat'l Summer Conference
22-24 SEP-AOPA Summit-Hartford
22-23 OCT-CTWG Convention

CADET MEETING

08 March, 2011

reported by

C/2Lt Brendan Flynn

The opening ceremonies were followed by a recitation of the Cadet Oath.

Capt Wojtcuk reminded cadets to wear regulation PT clothes and sneakers to the "Drill Day", which will take place at the Norwich Alliance Church on March 12, from 0900 to 1400 hours. A regulation PT uniform shirt is plain or CAP related. Cadets must bring a full camelback or other water supply and a bagged lunch. The Norwich Alliance Church is located at 35 Wawecus Hill Rd., Norwich.

C/SrAmn Hall taught a Leadership class on "Drill and Ceremonies." Hall taught cadets that drill is a form of training used to instill teamwork, while ceremonies are formal rituals used to accord honors, decorations, presentations to persons or groups. "Drill and ceremonies" is simply a combination of the two.

Cadet Hall reviewed the history of drill and asked Cadets to discuss among themselves concepts such as "followership" in drill, the "pass and review," and the importance of teamwork.

C/Amn Bourque taught a safety lesson on strokes. Strokes are the result of a clot restricting blood flow to the brain. A stroke might cause one side of a person's face to sag downward. Cadet Bourque taught cadets four steps in recognizing and responding to a stroke. First, ask the person in question to smile. If their smile sags to one side, they might be having a stroke. Next, ask them to raise both arms. If one arm is raised higher than the other, it is a sign of stroke. Third, ask them a question. A slurred or unrelated answer to the question may be a sign of stroke. Fourth, call 911 immediately if you recognize a stroke. Cadet Bourque also stated various symptoms of stroke. These symptoms occur suddenly and include numbness, bad vision, dizziness, headaches, confusion, slurred, speech, and lack of balance.

Both C/SrAmn Hall and C/Amn Bourque were critiqued by the cadets following their classes.

C/SrAmn Vandevander and C/1Lt Flynn lead a team-building exercise called the "balloon pyramid." In this exercise, two teams of cadets competed to build a pyramid of balloons as high as the shortest cadet on their team. One team's strategy was to have their tallest member lie flat on the ground to hold the foundation balloons in place while they piled more on top. The other team formed their balloons into molecular structures by binding them together.

Capt Noniewicz reviewed the purpose of Equal Opportunity training. EO is a program designed to eliminate discrimination because of gender, ethnicity, or age. Capt Noniewicz also encouraged cadets to stand firm when they encounter people who violate codes of conduct.

Cadet Flynn completed the Administrative Officer requirement and was promoted to Cadet First Lieutenant.

SENIOR MEETING

08 March, 2011

Commander's Call

Connecticut's new requirements to hold a public service license to drive a 12 p passenger van and its effects on our programs was discussed.

LtCol Wisehart explained how the upcoming SUI forms must be executed. Copies have been mailed to all respondents. Changes are highlighted in yellow and responses should be entered in red. Requests for documentation must be accompanied by a numbered attachment which proves that the task has been accomplished. First drafts of this report should be sent to Col Wisehart by 30 June.

Capt Noniewicz reviewed the "equal opportunity" program.

In a safety review, Maj Kinch presented a case study of a past CAP ELT mission which the Squadron performed in marginal VFR. The study examined the performance of the crew in respect to decisions on personal minimums, fatigues, fuel requirements, and crew proficiency. A discussion followed.

LtCol Kinch reported on the GON Wildlife Study Stakeholder meeting. The meeting, held in concert with state wildlife biologists, discussed the hazards at GON due to deer, gulls, Canada geese, and other species. Pilots are urged to report any incidence of wildlife which pose a potential hazard to the tower, either immediately by radio or, if the tower is closed, by telephone at the earliest opportunity.

Capt Farley reported on the new Cadet program in aerospace education in which Cadets take charge of the teaching. The need is for Senior mentors. Volunteers were requested.

Major Rocketto briefed the Officers on the recent launch of the X-37B and the results of the Discovery flight to the International Space Station.

Lt Owens demonstrated the new Squadron "Face Book" page and explained how it works.

MAJ ROCKETTO HONORED BY FAA

03 March, 2011

Maj Rocketto was presented *The Wright Brothers "Master Pilot" Award* by James Adams, FAA Safety Team Program Manager, Windsor Locks FSDO at the monthly meeting of the Groton Hangar of the Quiet Birdmen.

The Federal Aviation Administration presents this honor to pilots who have "demonstrated professionalism, skill and aviation expertise by maintaining safe operations for 50 or more years." Fewer than 1800 aviators have received this honor.

Testimonial letters were read which commented on his enthusiasm advocating and teaching aerospace education, his work with and support of aviation related organizations such as the Civil Air Patrol and the American Institute of Aeronautics and Astronautics, and his life-long immersion in the history, technology, and practice of the aerospace sciences.



The classic yellow Cub. The lightning stripe made it go faster.

Rocketto earned his pilot certificate before his driver's license. He soloed a Piper J-3 Cub at Waterford Airport on 10 September, 1960 and holds a US certificate with commercial, single and multiengine land, instrument, and advanced ground instructor ratings. While serving with the US government, he also acquired licenses in Peru, Chile, and Australia.



Refueling on the Desert

His more memorable flights include the low altitude survey of the Nazca Desert Lines for the Smithsonian Institution-National Geographic Society, doubling Cape Horn, landing at the lowest airport in the world at the the Dead Sea in Israel, and flying missions for Electric Boat to obtain photos of the *USS Groton's* surface trials.



New England Air Rally-Mary Beaulieu, Co-Pilot

AEROSPACE CURRENT EVENTS

Sayonara

The largest operator of Boeing 747s, Japan Airlines retired the last one on March 1st. JAL accepted its first 747 in 1970 and has operated 112 of the aircraft. The last flight was from Honolulu to Tokyo via Okinawa. Replacements are the Boeing 767 and 777.



747-Out!



777 -in!

Anchors Aweigh

The Navy is planning to develop a replacement for the current fleet of ballistic missile submarines. These vessels are the most survivable units of our strategic nuclear deterrent force. Funding for research and development is 1.2 billion dollars.



Boomer Bye-Bye

Discovery Completes Last Mission

The orbiter *Discovery* landed at noon on Wednesday ending its 27 year working career. During that time, *Discovery* completed 39 missions, made 5,830 orbits, traveled 148 million miles, and spent 265 days in space.

Discovery may be bound for the Smithsonian Institution's National Air and Space Museum. Her two siblings, *Endeavour* and *Atlantis*, are also up for bid. NASA wants about 29 million to prepare and deliver each shuttle to a museum and they also have a proviso that the vehicles be displayed indoors which will incur additional expenses for the recipient.

Something Old Voyager 1

Voyager 1, launched in September of 1977, is now sending back data from the heliosheath, the outermost layer of the heliosphere where the outgoing gases from the sun are slowed by the countering pressure of interstellar gases.

The spacecraft was rolled 70 degrees left in order to place its Low Energy Charged Particle instrument in a more favorable position to measure possible changes in the velocities of the solar gases.

When the two hour test terminated, *Voyager* was rolled back, locked onto *Alpha Centauri*, its guide star, and continued its outward bound voyage.

Something New X-37B

The USAF launched its second Boeing X-37B unmanned space plane from Cape Canaveral on March 5th. Designated Orbital Test Vehicle 2 (OTV-2). An Atlas 5 was the lifting vehicle.

Officials have remained mum about the purposes of the OTV flights. Speculation ranges from testing of new reconnaissance devices to guidance programs to special solar power cells.

The vehicle which resembles the space shuttle orbiter but much smaller was originally used by NASA until funding ran out and the Air Force picked up the project.

The first flight of the vehicle, OTV-1, lasted for some 224 days and then de-orbited and made a successful automatic landing.

Something Borrowed & Also Blue US Army F-110F Super Sabre!



US Army QF-100F Super Sabre, converted to a drone, voyaged from AMARC to the US Army's Aberdeen Proving Grounds to Martin State Airport.

AEROSPACE HISTORY

11 MAR, 1941-President Franklin D. Roosevelt signs the Lend-Lease Act which allows for the transfer of armaments to other nations whose defense is important for US security. Approximately 43,000 aircraft will be transferred to nations fighting the Axis powers.



Over 4,400 lend-lease Kobrastochkas, the Bell P-63 King Cobra, fought in the "Great Patriotic War."

12 MAR, 1946-The Army Air Force School at Maxwell Air Base, is renamed Air University.



Muir Fairchild Library, Maxwell AFB

13 MAR, 1961-First flight of the Hawker Siddeley P.1127 Kestrel, forerunner of the Harrier.



The FGA.1 /XV-6A version of Kestrel assigned to NASA for flight testing, Hampton, Virginia

14 MAR, 1927-Pan American Airlines organized.



The glory that was PanAm-Boeing 747 on departure.

15 MAR, 1951-Boeing test pilots, flying a KC-97A and a B-47A perform the first aerial refueling by the boom method.



Col Doucette of Thames River Composite Squadron was a KC-97 Stratotanker navigator.



Boeing B-47B Stratofortress at Pima

16 MAR, 1922-Henri Julliot, inventor of the semi-rigid airship, goes West.

17 MAR, 1924-Four Army Douglas World Cruisers, named Seattle, Boston, Chicago, and New Orleans depart Clover Field, Santa Monica for Seattle on the start of the first round the world flight.



Chicago at NASM on the Mall

18 MAR, 1965-Cosmonaut Alexi Leonov, flying in *Voskhod 2*, performs the first extra vehicular activity in space.

19 MAR, 1952-First flight of the North American F-86F.



Sabrejet at NEAM bears markings of noted aerial tactician "Boots" Blesse.