



Missions for America

Semper vigilans!
Semper volans!

The Coastwatcher

Newsletter of the Thames River Composite
Squadron
GON

Connecticut Wing
Civil Air Patrol

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

S. Rocketto, Editor
srocketto@aquilasys.com

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SCHEDULE OF COMING EVENTS

March

27 MAR TRCS SAREX
28MAR Space Expo-NE Air Museum
30 MAR Cinema Night-*Flyboys-PBFD*

April

06 APR BDUs-Cadets-Leadership/Testing
Seniors-General Cap Training
09 APR Fisher's Island School Visit
12-17 APR DC Trip #1
13 APR Blues-Cadets-Ch. Dev/Leadership
Seniors-Commander's Call
18-23 APR DC Trip #2
20 APR BDUs-Cadets-Rocketry/Testing
Seniors-Emergency Services Train.
24-25 APR SLS Course-Stratford
27 APR BDUs-Cadets-Color Gd/Team Build
Seniors-Duty Briefing-Personnel

For Future Planning

07-09 MAY Great Starts Bivouac-Camp Rell
15-16 MAY TLC Course-TBD
22 MAY TRCS Open House
18-26 JUN NESA Camp Atterbury, Indiana
24-25 JUL NER SAREX Competition
31 JUL-7 AUG CTWG Encampment
22-24 OCT CTWG Conference

CADET MEETING MINUTES

23 March, 2010

The meeting was held in the Poquonnock Bridge Fire House while repairs are underway in the trailer.

SM Wojtcuk briefed the Cadets on the physical layout of the building and the procedures which would be followed in case of a fire call. He then set down the special rules for appropriate behavior and safe conduct in the working fire house and explained some of the equipment used by the firemen.

Maj Rocketto presented several demonstrations illustrating various characteristics of orbits. The Law of Inertia and Newton's Third Law were used to analyze the nature of centripetal and centrifugal forces which hold an object in orbit. The nature of ellipse was demonstrated with a simple apparatus consisting of two pins, a loop of string, a piece of paper, a ruler, and a pencil. In addition, a display of postal first day covers were exhibited, all of which celebrated various achievements involving spacecraft.

At the conclusion of the demonstration session, a practice test was administered to all. Cadet Orlando scored highest and received a TIROS commemorative coin as a prize.

Lt Wojtcuk then opened a leadership discussion about CAP protocols

CADET PT
20 March, 2010

Maj Bourque and Lt Wojtcuk and ten Cadets attended the monthly physical training session at the US Coast Guard Academy. Attending Cadets were C/2Lt Scannell, C/Sgts Flynn and Lexi and Abi Wojtcuk, and Cadets Bourque, Hall, Herzog, Orlando, Rodriguez, and Schultz.

ORIENTATION FLIGHTS
21 March, 2010

C/2Lt Scannell and Cadets Hall and Schultz flew O Flights last Saturday. Pilots were LtCol Bergey and Lt Dell'Orco.

TRCS SAREX
20 March, 2010

The Saturday SAREX almost became a real mission when an alert was posted concerning a landslide and a lost hiker at Sleeping Giant State Park but the alert was cancelled and our planned air crew SAREX was carried out.

Four sorties were mounted based upon reports of an missing aircraft attempting to fly from GON to Worcester, MA (ORH).

Each sortie was staged to either train air crew candidates or meet currency standards as required by CAP regulations. Mission Pilots, Observers, and Scanners all had specific tasks posed. Mission Pilots flew route, creeping line, parallel, or sector searches.



Col Wisheart Makes a Point to Lt Manner.

Observers worked with the Becker Radio Direction Finder and the CAP FM radio.



The Pair of Balls at the 10 and 2 O'Clock Position Indicate that the Aircraft is Headed Towards the Emergency Locator Simulation Beacon.

Scanners practiced photography and scanning techniques and kept logs. Operations staff kept the crews briefed and dispatched and operated Mission Base radio.



A Target is Located and Photographed by the Scanner.

The following Officers participated: Squadron Commander Noniewicz, LtCols Wisheart, Bergey, and Kinch, Maj Rocketto, and Lts Farley, Dickenson, Manner Lintelmann, Jalbert, Looney, and Miller.

TRCS SENIOR TRAINING

23 March, 2010

Seniors who participated in the SAREX on 20 March gathered to evaluate the results of the mission. For realism, the ELT simulation beacon would be better placed at a more realistic location, less populated and more wooded area. The crews practicing wing null techniques stated that one crew member dedicated to plotting the aircraft position and radials at the nulls would be a practical way of fixing the position of the target. Finally, all agreed that the time on the ground spent practicing the required paperwork and the longer periods of the flights proved beneficial.

WASHINGTON DC TRIP



Bourque Breaks Bread at Bolling for Breakfast

There will be two trips on back to back weeks: 12-17 April and 18-23 April. If any Cadet has interest in attending one of these events, then Maj Rocketto must be notified immediately by email. This is your last chance. This notification is not a commitment but will assist us in planning. The anticipated maximum cost for a five day trip is \$125 to cover transportation, lodging, and food.



*Cadets
Cluster near
Convair for
Chow at
Dover*

WING STAFF MEETING

17 March, 2010

Operations announced that at the present time, CTWG is first in aircraft hours in the Northeast Region and ninth in the United States. Plans are being formulated to hold joint training sessions with Rhode Island and Massachusetts.

Cadet Programs stated that the new Cadet on-line testing program is in the beta test phase and should become operational in the near future.

Communications discussed the limitations on radio frequency usage forced by international agreements between Canada and the United States. Essentially, in Connecticut, we will be able to use all of the new frequencies which have been programed into our radios.

BCUT classes will be held four times each year and ACUT will be offered twice. Plans are being made to set expiration dates on BCUT certificates and require retraining every three years.

Public Affairs praised the Thames River public affairs effort.

The Inspector General has received copies of USAFCAP evaluations of Kentucky, Indiana, and Rhode Island. The plans are to give relevant sections to CTWG Staff in order to acquaint them with best practices and critical issues which interested the inspectors.

The USAF Liaison reported that the results of the CTWG SAR Evaluation have not yet been received.

CURRENT EVENTS

NASA completed its second drop test of an MD-500 helicopter in a series of experiments designed to better understand its crash response in order to provide data for improving the safety features of rotorcraft.

The test vehicle is equipped with 160 channel data recorders and are "manned" by four anthropomorphic dummies, one of which is fully outfitted with simulated internal organs. The flight path is approximately 33 degrees to the ground and from a height of 35 feet, generates impact velocities of 33 mph horizontally and 48 ft per second vertically.

In the first test, the vehicle was equipped with a honeycomb foam to cushion the crash. As the foam collapses, it extends the time of the impact, thereby decreasing the deceleration and reducing the forces on the airframe and passengers. Very little damage occurred in this test.

In the second test, the foam was removed and the MD-500 was dropped. The gear collapsed, the windshield cracked, and the data recovered from the sensors in the dummies indicated that humans would have suffered potentially fatal injuries. G forces were triple that of the initial test.

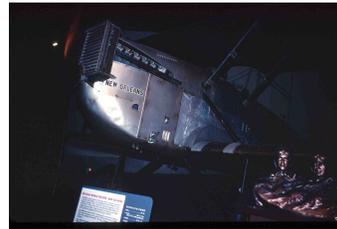
HISTORY

Two notable anniversaries occurred on St. Patrick's Day.

17 March, 493-St. Patrick drives the flying monkeys out of Ireland!

17 March, 1924-Four of the five Douglas World Cruisers, *Seattle*, *Boston*, *Chicago*, and *New Orleans* depart Clover Field, Santa Monica, California for Seattle. the starting point of the first around the world flight. The *Seattle* crashed in Alaska and the crew walked out. The *Boston* was forced down over the Atlantic but the crew were rescued by the light cruiser, USS Richmond. The fifth aircraft, now christened *Boston II*, joined the Chicago and New Orleans in the United States and the three aircraft reached Seattle on 28 September, 1924, 175 days, 371 hours of flying

time, and over 27,000 miles after they started. The Chicago is now on display at the National Air and Space Museum in Washington, the *New Orleans* has found a home at the Los Angeles County Museum of Natural History, wreckage of the *Seattle* is on display at the Alaska Aviation Heritage Museum, the aircraft identification plates is the only remains of the *Boston II*, and the *Boston* rests in an Atlantic abyss.



DWC New Orleans



DWC Seattle

We also note the following interesting anniversaries

8 MAR, 1965-Cosmonaut Alexi Leonov, flying in *Voskhod 2*, performs the first extra vehicular activity in space. His space suit "ballooned up" and he was unable to reenter the spacecraft. In a risky move, he depressurized his suit and reentered, to find that he had to contort his body to turn around in order to close the hatch. Almost out of oxygen, maneuvered himself around. The effort dehydrated him to the point that the sweat run-off in his spacesuit almost reached his ankles. To cap the mission, numerous technical problems arose and upon landing, they were so far off course that it took some lumberjacks 24 hours to find them. Helicopters arrived three days later after enough trees had been felled to allow them to land.

22 MAR, 1915-The US Navy adopts the term "naval aviator" to replace "naval air pilot." Let's hear it for our blue water pilots, Lt Col Bergey and Maj Bridgewater.



Original Naval Aviator Wings-1913



"Wings of Gold"-Today

23 MAR, 2001-Space station *Mir*, after 15 years in space, is de-orbited and falls to earth.

24 MAR, 1909-The Wright Brothers set up a school to train pilots. Montgomery, Alabama is chosen for its benign weather and light winds. (CAP HQ is located at Maxwell AFB in Montgomery)

25 MAR, 1917-Canadian Billy Bishop, flying a Nieuport, scored his first kill by shooting down a German Albatros. He finished the World War I with 72 victories, the third highest in the conflict.

26 MAR, 1992-Cosmonaut Serge Krikalov, who departed from the Soviet Union, returns to a new homeland, the Commonwealth of Independent States having spent 313 days aboard Space Station *Mir*, during which time, the Soviet Union dissolved.

27 MAR, 1968-Yuri Gagarin, first man in space, goes West in the crash of a MiG-15UTI near Moscow.

KRAZY KAPTION KONTEST RESULTS

Two contestants submitted entries, Col Stidsen, the CTWG IG and Hap Rocketto, 2Lt, (ret'd) AUS. Col Stidsen's winning entry is posted below the photo. He will be awarded a jack knife as a prize.



"In the P-3 , we could fly this far before the coffee ran out"

AIRPORTS



Can you identify this facility? Here are some clues. It is within 50 nm of GON and has two runways in a somewhat unusual arrangement. Enlarge the image and the aircraft on the ramps might help you name the airport. Send your answer to srocketto@aquilasys.com.

