

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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Vol. V, No 33

22 September, 2011

### SCHEDULE OF COMING EVENTS

24 SEP-Cadet Ball-Courtyard Marriott, Cromwell  
22-23 OCT-CTWG Convention  
27 SEP-TRCS Meeting

15 OCT-CTWG Rocketry Contest  
21-23 OCT-CTWG Conference

### ANNUAL CITRUS FRUIT FUNDRAISER



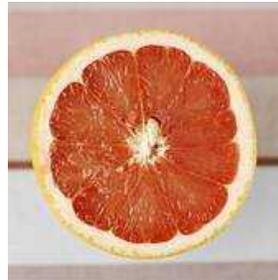
This fund drive is crucial for the financial well-being of our squadron. We are encouraging full participation by everyone and hope to average 10 cases per member. Last year only half the membership participated,

If you do not wish to participate in sales, donations

are acceptable.

Twenty and forty pound cases of navel oranges, red grapefruit, and mixed oranges and grapefruit are available. A twenty pound box costs \$25 and a 40 pound box costs \$35.

The drive closes on 8 November and deliveries are planned around the second week in December.



### CADET MEETING NOTES

*20 September, 2011*

*submitted by*

*C/Capt Brendan Flynn*

The meeting opened with drill practice. Experienced cadets focused on columns, column of files, and close/extended march. New and prospective cadets practiced stationary drill and basic marching skills.

C/SSgt Bourque held an aerospace class on airplane engines and instruments. In his lesson, Cadet Bourque went over a reciprocating engine's basic parts and their functions and the concept of the four stroke engine cycle. Cadets learned about the mixture and throttle controls and instruments such as the tachometer, oil pressure gauge, altimeter, and vertical speed indicator.

C/A1C Bunevich led an AEX activity on landing an airplane, and C/Capt Flynn talked about the final approach and stall that occurs before an airplane touches down. In the AEX activity, cadets tried to bring a small "monster-plane" suspended on an inclining sting through smooth approach and landing by holding and moving the lower end of the string.

Maj Rocketto gave cadets a briefing on the squadron fruit sale fundraiser. He gave sales advice and handed out supplies. Our goal is for every cadet to sell at least ten boxes of fruit.

Maj Rocketto informed those cadets building historical rockets that they must write a paragraph on what their rocket is and why they built it. This typed paragraph must be brought with the rocket to the competition.

Capt Wojtcuk and C/2Lt Wojtcuk talked to cadets about basic etiquette in preparation for the cadet ball on Saturday.

In the closing ceremony, C/SMSgt Brendan Schultz, C/2Lt Alexis Wojtcuk, and C/Capt Brendan Flynn received a bronze clasp for their encampment ribbon.

Cadet Andrew Cathcart was promoted to Senior Airman and was awarded the Feik Achievement. Cadet Jeffrey Bourque received the Wright Brothers Award and was promoted to Staff Sergeant. Cadet Drew Daniels completed the Doolittle Achievement and was promoted to Senior Master Sergeant. Cadet Airman Basic Keith Trotochaud received his CAP lapel pins.

### **SENIOR MEETING**

*20 September, 2011*

Capt Farley requested that members submit a list of training topics which they would like to see covered.

Maj Rocketto discussed the upcoming Citrus Fruit Fund Raiser and distributed invoices, record sheets, and envelopes for submitting receipts.

### **CURRENT EVENTS**

#### ***Major Satellite Re-entering at Week's End***

After two decades in orbit, the Upper Atmosphere

Research Satellite is predicted to de-orbit. The exact point and time of entry is still uncertain but some two dozen pieces are expected to reach the surface of the earth. The largest will weight about 300 pounds.

#### ***Raptor Fleet Cleared for Operations***

The Lockheed-Martin F-22 Raptors, grounded since May due to problems with the pilot's oxygen supply, have been cleared for flight. All 170 aircraft will be inspected before release.

### **THE WEEK'S AEROSPACE HISTORY**

22 SEP 1950-Two Republic F-84E Thunderjets engage in three in-flight refuelings to complete the first jet non-stop trans-Atlantic flight. Col David C. Schilling is awarded the Harmon International Trophy. Strong headwinds cause wingman LtCol William D. Ritchie to run out of fuel but he successfully ejects over Labrador.



*F-84E on Display at the National Museum of the United States Air Force*

23 SEP 1913-Roland Garros, eminent French aviator, makes the first successful crossing of the Mediterranean Sea flying 470 miles in 7 hr and 53 min. He violates non-existent CAPR 60-1, para. 2-19, subsection a. 1, when he lands with only 7 minutes of fuel on board. In World War I, he attached steel deflector plates to the roots of his propeller blades which enabled him to fire his nose mounted machine gun through the propeller arc. He used it to score a number of victories but during one mission, he had to force land behind German lines and was captured. He later escaped only to die in aerial combat in October of 1918,

one month before the Armistice. The French National Tennis Championship is named after Garros as is their national tennis stadium.

24 SEP 1929-Lt James H. Doolittle, flying a Consolidated NY-2, performed the first instrument take-off, flight, and landing at Mitchel Field, Long Island, NY.

25 SEP,1903-The Wright Brothers arrive at Kitty Hawk, NC to commence testing of their first powered aircraft.

26 SEP, 1951-First flight of the De Havilland D.H.110 Sea Vixen.



*Sea Vixen at Imperial War Museum-Duxford*

27 SEP, 1946-Geoffrey de Havilland goes West when his D.H. 108 Swallow disintegrates over the Thames Estuary.

28 SEP, 1923-U.S. Navy Curtiss CR3s take both first and second place in the Schneider International Seaplane Race.



*Curtiss CR3 (painting by Hideaki Ozawa)*

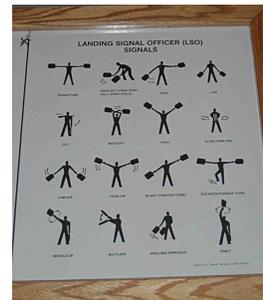
## OUR CONTINUING SALUTE TO NAVAL AVIATION

### *Landing Signal Officer & Flying the Ball*

Carrier approaches were once guided by an experienced aviator, a landing signal officer (LSO) equipped with a set of paddles. The current method is to guide an approach using an arrangement of lights known as the Fresnel Lens Optical Landing System (FLOLS) monitored by an LSO.



*LSO*



*LSO Signals*



*FLOLS*



*FLOLS Explanation*