



Missions for
America
Semper vigilans!
Semper volans!

The Coastwatcher

Official Publication of the Thames River
Composite Squadron
Connecticut Wing
Civil Air Patrol
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Issue 11.27

01 August, 2017

CALENDAR

See the Squadron Calendar for Meeting Details

05 AUG-TLC
08 AUG-TRCS Commander's Call
14-20 AUG-CTWG Encampment
15 AUG-TRCS ES Training
21 AUG-TRCS ES Training
19 AUG-National Aviation Day-GON
29 AUG-TRCS Senior Social Night
31 AUG-02 SEP-CAP National Convention
09 SEP-CTWG Smallbore Rifle Clinic
9-10 SEP-SLS
06-07 OCT-AOPA GON Fly-in
14-15 OVT CLC
21 OCT-CTWG Smallbore Rifle Clinic
4-5 NOV-UCC

CADET MEETING

01 August, 2017

Maj Bourque and Lt Schmidt each taught a session as part of the aerospace education curriculum. The topics was the thermal structure of the atmosphere and weather fronts.

C/Maj Daniel Hollingsworth delivered a speech as part of the requirements for his next promotion about “how an executive-level leader articulates a vision and directs staff.

SENIOR MEETING

01 August, 2017

Maj Farley, Squadron Commander, reviewed the Squadron goals. At this time, all goals have either been met or are within reach before the end of the fiscal year.

Maj Lintelmann, Finance Officer, stated that officer's Squadron dues are DUE.

Lt Col Rocketto reported that 90% of the Squadron have earned the Yeager Award and the last two remaining officers are closing in on the goal. He also noted that all officers are now qualified in introductory communications.

Capt Miller and SM Heard discussed the plans for the Airport Open House and the AOPA fly-in.

Heard also spoke about his recent trip to the Experimental Aircraft Association Meeting in Oshkosh.

Rocketto, Public Affairs Officer, requested that any Squadron member involved in a newsworthy event, activity, or achievement report some details for publication in *The Coastwatcher* and for submission to public media.

Lt Col Bright and Rocketto reported about the status and plans for the Squadron recruiting campaign. One event was held last week and a second one will be held this week. Three potentially fruitful organizations have been identified and will be approached.

Bright and Lt Col Doucette led a discussion about

how both the Squadron and each officer benefit from a robust program in which Professional Development and Specialty Track advancement is pursued.

Maj Noniewicz reported that the Squadron website is up and running. He then gave a safety briefing on protecting personal computers from hacker attacks.

ACES PRESENTATION

C/Maj Daniel Hollingsworth and Lt Col Stephen Rocketto visited with the participants at the FAA Aviation Career Education Academy at Groton Airport on Friday morning.

The Academy is a chance for middle school and high school students to study aerospace science and explore a wide range of aviation career opportunities. CAP Teacher of the Year Stuart Sharack supervises the local program.

During the week, they enjoyed field trips, flights provided by Coastal Air Services, a chance to board a Gulfstream VC-37A which brought a member of the Secretary of the Air Force's staff to Groton, and operate flight simulators.

Sharack Supervises Simulator Students



Hollingsworth and Rocketto ran a mini-class on aircraft navigation. Students were given sectional charts, plotters, E-6B computers, and flight planning cards. They then plotted a triangular course from Groton to Hartford to Bridgeport and return, measuring distances, determining magnetic courses, and calculating estimated times en-route.



Plotters at Work: KHFD to KBDR

Exploring the Mysteries of the E-6B



In a second session, Rocketto provided demonstrations which related gyroscopic motion, Bernoulli's theorem, and Newton's First Law of Motion to common experiences.

Finally, during lunch, Hollingsworth and Rocketto presented a CAP slide show which emphasized the opportunities available in the Cadet program to those interested in pursuing their aviation interests further.

FLYNN FLIES A REAL AIRPLANE

Former Cadet Commander Brendan Flynn, now the newly minted Ensign Brendan Flynn, USCG will be leaving this week for Naval Air Station Pensacola and flight training.

Local aviation aficionados decided that his preparation to fly the turbine powered T-6A Texan lacked sufficient depth since his previous experiences were with CAP Cessna 172s when he earned his private pilot certificate under Lt Col John deAndarde's instruction. So they decided to

get him some time in a real airplane the definition of which is that it contains wings mounted both above and below the fuselage, has open cockpits, a radial engine, a tail wheel and fabric covering.

Flynn and Lt Col Rocketto traveled to Skylark Airpark in East Windsor and met with Augie Gorreck. Augie is a well known character in the Connecticut aviation community and highly skilled in flying tail-draggers. After much effort, the trio opened the hanger's old-style rollaway doors and brought a Stearman PT-17 Kaydet onto the ramp.



The PT-17 was the primary military trainer in World War II and over 10,000 were built, many of which entered the civilian market at war's end. They saw service as sports planes, barnstormers, and hard usage as crop dusters.

Augie gave Flynn a preflight briefing and they conducted the walk-around. Augie, a CFI, completed two flights with Brendan and endorsed his log book for training in take-offs and landings, steep turns, and spins.



*Walk-around,
the View,
and
Debrief*



LONG ISLAND SOUND PATROL ACTION

The Squadron is flying LISPs on a scheduled basis. This weekend Maj Neilson got what the British aviators call "trade" on his two flights.

On 29 July, he was flying with Lt Col Doucette as observer when they

...spotted what appeared to be an overturned vessel. As we were within 5 miles of Tweed airport, requested to circle and review potential craft. Tweed asked if they should call East Haven FD, and we replied we were not sure yet and would pass info on to Sector. Subsequently determined that it was in fact that and had one or two persons on it. Reported same to Sector LIS.

...object [was] about 1/2 mile off of East Haven beach. After three orbits at 1200 feet, we determined in fact it was an overturned boat with personnel. After reporting such to Sector, promptly noted two boats, EHFDD and USCG, arriving on the scene. No injuries reported and personnel and vessel returned to yacht club.



Two days later, Nielson was flying with Lt Pineau and

...were diverted ...by USCG for a search in area of Smith Point Beach, Long Island ...Assisted with search operations for a male swimmer that had gone missing. Comms maintained with Suffolk county helicopter with vertical separation maintained of 500'. Target was not located and we were released by USCG at 0037 and RTB.

The aircrew also noted that communications procedures with the Coast Guard are much improved. The only problem is determining the

location of coastal landmarks such as Smith Point Beach. Latitude and Longitude coordinates are now used to overcome this difficulty.

ACHIEVEMENTS

Lt Adam Spreace passed his Form 5 check ride and awaits finalization of his transport pilot rating.

C/A1C Colin Hallahan completed his first orientation flight with Lt Col deAndrade. C/SSgt John Pineau, who has completed the entire O Flight syllabus rode in the backseat.

AVIATION CHRONOLOGY

02 AUG, 1960-First flight of the Bennett PL-11 Airtruck, a New Zealand contender for the ugliest airplane award.

Constructed from parts from RNZAF Harvards, both prototypes crashed but the design led to the successful and equally ugly Transavia PL-12



03 AUG, 1921-Lieutenant John A. Macready of the U. S. Army Air Corps finds a new use for airplanes when he sprays a patch of ground infested with caterpillars. The practice becomes known as crop dusting.



Lt. Macready (right) and McCook Field engineer Etienne Dormoy (left) in front of the 1st crop duster airplane.

04 AUG, 1901-Octave Chanute arrives at the Wright brothers' camp at Kill Devil Hill and photographs their flight tests with the 1901 glider.



L-R: Orville, Chanute, Wilbur, Edw. Huffaker

05 AUG, 1930-The legendary "Pancho" Barnes flying a Travel Air Type R "Mystery Ship", establishes a women's speed record of 196.19 mph.



(Credit: San Diego Air and Space Museum)

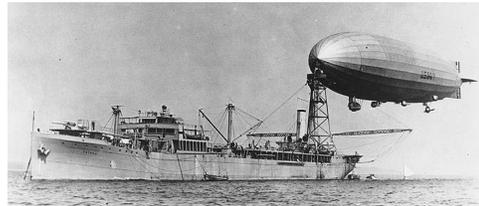
06 AUG, 1945-First A-Bomb, code-name "Little Boy" was dropped on Hiroshima. The bomb carrier, *Enola Gay* was accompanied by two other B-29s, the instrument craft, *The Great Artiste* commanded by Major Charles W. Sweeney and a then-nameless photography aircraft later called *Necessary Evil*, commanded by Capt. George Marquardt.



Enola Gay and Her Consorts



08 AUG, 1924-The ZR-1, *USS Shenandoah*, becomes the first airship to moor to a ship, the *USS Pakota*, in Narragansett Bay, Rhode Island.



(Credit: Navy Historical Foundation)



07 AUG, 1942-The sole Republic XP-47B Thunderbolt, 40-3051, operating out of the Republic plant at Farmingdale, New York, is lost when the pilot interrupted wheel retraction, leaving the tailwheel in the superchargers' exhaust gases. This set the tire alight which ignited the magnesium hub. When the burning unit retracted into the fuselage, it severed the tail unit control rods, forcing the pilot to bail out with the airframe crashing in the waters of Long Island Sound. A classic example of a chain of circumstances leading to a crash. Somedays, nothing go right!



(Credit: Republic Aviation Corporation)

09 AUG, 1922-Ten Cleveland bankers fly to Detroit aboard Aeromarine cruisers for lunch. Is this the first recorded instance of the \$100 hamburger.

DETROIT RECORD NEWS

FLY TO CLEVELAND \$25
IN 90 MINUTES
Per Passenger
One Way
\$45 Round Trip

VIA LUXURIOUS ENCLOSED CABIN
AEROMARINE FLYING BOATS
A Delightfully Safe Way to Reach Cleveland Without Any Jolts,
Jars, Dust or Smoke to Spoil the Enjoyment of the Flight

SAFETY
The Aeromarine Airways is the nation and finest equipped flying boat line. It carries 2,000 passengers in luxury comfort and Cleveland has the only without a mishap. Plans for only over the water. Always available. The operating personnel in the flying boats are trained in the U. S. Air Force and have the best of all others have without flying records.

COMFORT
Travel in the luxurious enclosed cabins of these Aeromarine flying boats is most comfortable. The boats are equipped with the latest in motor and engine power. Plans in the water. On arrival in Cleveland a car or taxi will be ready to meet all boats, ensuring quick transfer from the water to the heart of the city.

How to Make Your Reservation
Throughout the Aeromarine Office in the West Tower, Private Office, CHERRY 4611 - during the day. After 6 P. M. telephone GLENDALE 4628-M. Also the 3rd. School. Please make your reservation as far in advance as possible.

AEROMARINE AIRWAYS, Inc.
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DETROIT CLEVELAND
OFFICE: HOTEL TULLER (Main Lobby) Phone CHERRY 4611 OFFICE: THE HOLLANDERS (Main Lobby) Phone MEANS 4700
AIRPORT: MEMORIAL PARK AIRPORT: FOUR 4700 W. 106th ST. (W. 106th & B.C. Dock)

OK! So in 1922 it was a \$45 hamburger. In 1922, \$45 dollars had the same buying power as \$628 in 2017!

The two aircraft operating on the Detroit-Cleveland route were Aeromarine Model 75s named *Buckeye* and *Wolverine*. Evidence indicates that one of the pilots was the legendary Edwin Musick.

(Right) *Wolverine* at Cleveland



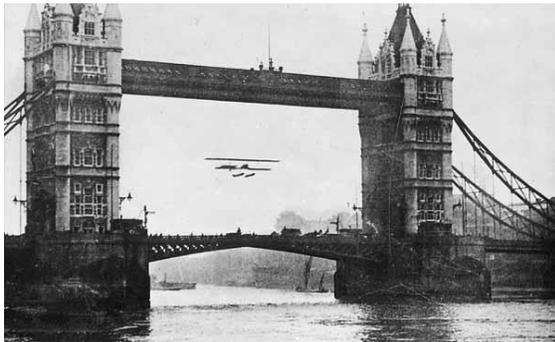
(Below) *Buckeye* over Detroit



(Credit: The images in this section are from the Keyport Historical Society courtesy of Mr. Daniel Kusrow.)

The Aeromarine 75 was a civilianized version of the Curtiss H-12. The H.13, was modified in England and renamed the F.5. The Naval Aircraft Factory in Philadelphia reworked the reworked design to produce the Curtiss F5L which in mufti became the Model 75. Conversions were produced by the Aeromarine Plane and Engine Company in Keyport, N.J.

10 AUG,1912-Pioneer aviator Lt. Col Francis K. McClean, A.F.C., F.R.Ae.S. becomes the first pilot to fly between the spans of Tower Bridge and under London Bridge in his Short S.33.



(Credit: Clan Maclean Heritage Trust)

McClean, a civil engineer, had more achievements. He flew with Wilbur Wright, was a founding member of the Aero Club of Great Britain which looked with askance at his “bridges flight.”



McClean in 1919

He donated the land upon which the Royal Naval Air Service trained its first aviators and served as Chief Instructor at Eastchurch on the Isle of Sheppey. He then accepted a commission with the the Royal Air Force when it was founded. During World War II, he was a Lt. Cdr. Royal Navy Volunteer Reserve.

In his spare time, he studied eclipses and pioneered underwater photography. He was knighted in 1926 appointed High Sheriff of

Oxfordshire in 1932.

Sir Francis went West in 1955, age 79, a life full of achievements.

CAP at the MUSEUM of the USAF

The Editor visited the Air Force Museum recently and noted the following exhibits pertaining to CAP



The Museum also has two aircraft in CAP colors and a bench celebrating 50 years of CAP service.



The Commemorative Bench



Piper J-3



Fairchild Model 24-C8F