



Missions for
America

Semper vigilans!
Semper volans!

The Coastwatcher

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

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SCHEDULE OF COMING EVENT

08 AUG-SAR EVAL Prep
11 AUG-TRCS Meeting
18 AUG-TRCS Meeting
19 AUG-National Aviation Day-GON
21-23 AUG-CTWG/USAF Evaluation
25 AUG-TRCS Meeting
26-29 AUG-CAP National Conference

03 OCT-Cadet Ball-USCGA
10 OCT-Groton Fall Festival
17 OCT-Commander's Cup Rocket Contest

ERRATUM

Lt Col Bill Dolan pointed out that the North American F-100 Super Sabre, not the Conrail F-102 was the first fighter to exceed the speed of sound in level flight.

CADET MEETING MINUTES

04 August, 2015

No Meeting. Use this opportunity to study for tests.

SENIOR MEETING MINUTES

04 August, 2015

No formal training was planned. Officers worked on individual projects.

SCHULTZ BOUND FOR THE BALKANS

C/LtCol Brendan Schultz has been awarded a Kennedy-Lugar Youth and Study scholarship and will live in the Republic of Macedonia for ten months. Macedonia is a land-locked state in southeastern Europe.

Schultz will serve as a “youth ambassador” and will live with a host family in Skopje, the capital city. He will attend a local high school and immerse himself in the national community, learning the language, customs, and values of Slavic and Muslim culture.

Schultz plans to create a BLOG which will offer a running commentary on his experiences. He is excited about his coming adventure and says that he “...is proud to be given this opportunity to represent the United States and I look forward to forming friendly relationships with his Macedonian hosts and the community at large.”



In 2010, C/Lt Col Schultz receives one of his first promotions.

CAP RECRUITMENT PROGRAM

30 July 2015

Lt Col Rocketto, and C/CMSgts Michael and Daniel Hollingsworth met with a group of 12 year old youth attending the FAA Aviation Career Education (ACE) Academy at Groton-New London Airport. The program is run by Aerospace Education Member Stuart Shack assisted by former Navy A-7 pilot Alex Rode, both of whom teach in the Led yard School System. Mr. Shack was the very first CAP Aerospace Education Teacher of the Year in 2006 and directs the Led yard Aerospace Festival in which the Squadron participates.

The ACE Academies are sponsored by the FAA and run for a week. During the week, the participants engage in a wide range of activities from going on field trips, operating flight simulators, and receiving an orientation ride in an aircraft.

The CAP recruitment team showed a presentation about the opportunities offered by the Thames River Composite Squadron for a deeper engagement in aerospace learning. Each CAP potential recruit was given literature and will be contacted in a follow-up mailing. Three of the youngsters exhibited an interest in joining.



Chiefs Michael and Daniel Hollingsworth explain details of the CAP cadet program.

Following the CAP briefing, Mr. Kenneth Dino, the TBM Sales Manager at Columbia Air Services, brought a virtually brand new EADS Sonata TBM 900 over. Everyone was invited to inspect the interior and Mr. Dino engaged the youth in an interactive discussion about the theory of flight, control surfaces, propellers, and engine of the aircraft.



Mr. Dino points out features of the 900's Pratt & Whitney PT6 engine. Mr. Rode and Mr. Shack stand on the far right.

Col Rocketto was pleasantly surprised at the depth of knowledge about control functions, flaps, and axes of motion which emerged as Mr. Dino used the classic Socratic method of eliciting answers from the group.

LONG ISLAND SOUND PATROL

02 August, 2015

At approximately 2025Z, the crew, Maj Noniewicz, Lt Col Kinch, and Lt Col Doucette heard a distress call stating that two teenage girls that had been thrown into the water after their towed tube struck the side of a 69 foot motor yacht. The aircraft headed for the scene of the accident, just west of Bridgeport and arrived as a Bridgeport Police vessel was landing the two victims. Our aircraft was available but not needed. The two young girls, 13 years old, were taken to the hospital for medical treatment.

AEROSPACE HISTORY, SORT OF!

A Flight of Fancy

The recent feature on flying animals as cargo has raised the issue of famous animals which fly or should fly or might have flown or have flight-like characteristics. What follows is a quiz in which the reader is challenged to identify each of celebrity animals. The answers are published at the end of this edition.



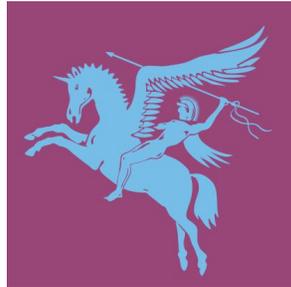
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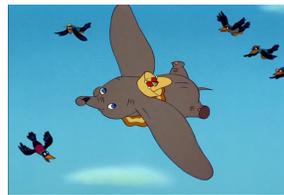
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AEROSPACE CURRENT EVENTS

The USAF is seeking a replacement for the fleet of Northrop T-38 Talons which form the heart of the pilot training program. The Air Force not only needs 350 aircraft but also ground trainers and program development.



The 9th Reconnaissance Wing at Beale AFB uses the T-38 to maintain SR-71 pilot proficiency.

The supersonic T-38 project was ramrodded by none other than Edgar Schmued, designer of the P-51 Mustang, F-86 Sabre, and F-100 Super Sabre. Schmued has left North American and was a Vice President at Northrop and promoted the design using company money, a risky procedure. The result was the F-5 Freedom Fighter and the T-38 Talon.

The 50 year old design cannot meet the multitude of training requirements demanded by the new breed of “electronic” fighters. The Talon lacks the data link hardware and software which allows the modern aircraft to operate in unison with each other. There is no night vision capability and no ability to train pilots in using laser guided precision munitions.

Consequently, the Air Force seeks a replacement currently designated the T-X. The Korea Aerospace Industries/Lockheed-Martin T-50 Golden Eagle, in service with four nations, and the Alenia/Aermacchi/General Dynamics M346 Master, recently adopted by the Italian, Israeli,

and Singapore Air Forces are prime candidates. A dark horse candidate in the Textron-AirLand Scorpion. SAAB-Boeing put forward a version of the SAAB JAS-39 Gripen

Northrop-Grumman working with Scaled Composites, is building a new aircraft. Design features are secret but the first flight is planned in late 2015



T-50 (Credit: Kentaro Lemoto)



M346 (Credit: Alenia)



Gripen (Credit: Matthias Kabel)



Scorpion (Credit: Textron)

Aircraft selection and budgetary considerations may mean that the new aircraft will not become operational until 2023.

U.S. TRAINERS FROM THE PAST



The Consolidated PT-1 Trusty, 1923



Stearman PT-17 Kaydet, 1934



Naval Aircraft Factory N3N, 1936



North American AT-6 Texan.

QUIZ ANSWERS:

1. The Roadrunner-"Beep, Beep."
2. Tweety Bird-"I twat I taw a puddy tat."
3. Mighty Mouse-One of the original superheros
4. Bellepheron Astride Pegasus-symbol of the British Airborne Regiment
5. Flying Monkey from *The Wizard of Oz*
6. Wile E. Coyote-Nemesis of the Roadrunner, deviser and employer of Rube Goldberg traps and then "hoisted by his own petard."
7. Woody Woodpecker-To hear his maniacal laugh, go to

<https://www.youtube.com/watch?v=5Xan2dkMouM>
8. Pluto-the EMS hound
9. Dumbo, the Flying Elephant escorted by a murder of crows.
10. Link Hogthrob, Captain of the Swinetrek
11. Opus, the Penguin-a sofa-cobra attracted to "svelte buoyant waterfowl"
12. Rocky, the Flying Squirrel-"hokey Smoke!"
13. Snoopy-"Curse you, Red Baron!"
14. Heckle and Jeckel-physically identical but one speaks with a British accent and the other in "Brooklynese."
15. Donald Duck-a short tempered waterfowl
16. Daffy Duck-"You're desthpicable."
17. Connie, the SARdog carrying a cask of ?.
19. The Crow Brothers-Jim Crow, Preacher Crow, Fat Crow, Straw Hat Crow, and Glasses Crow who chorused "When I See and Elephant Fly."
20. Count Dracula, sometimes known as Count Alucard, could metamorphize into a bat.
21. Count Duckula-each of his reincarnations had a different personality and no memory of his previous existence.