



The Daedalean **Semper Discens**

*Monthly Aerospace Education Newsletter of the Connecticut
Wing of the Civil Air Patrol*

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Volume 1, Number 7

July, 2008

CALENDAR

12 July-Bradley/ANG Space and Aviation Day
4-13 July-Wing Encampment
21-23 July-AIAA AE Conference-Hartford
19 July- Wing SAREX
20-24 July-AIAA A/S Education Conference
27-28 Sept-Squadron Leadership School
16-18 Oct-NCASE
17-18 CT Wing Conference
18-19 Oct-Corporate Learning Course
22-23 Nov-Unit Commanders Course
6-7 Dec-Training Leaders of Cadets Course

AEO REPORT RESPONSIBILITIES

Please submit your monthly aerospace education reports as required. I am working hard to raise gain material support for the program and I need the data from your Squadron to justify my requests.

SQUADRON VISITATIONS

The Director of Aerospace Education visited Silver City Cadet Squadron on 2 June. C/Lt Ashley LaPlante was presented a certificate recognizing her achievement in earning the Yeager Award. Cadet George Planeta IV was presented with the National Rifle Association Distinguished Expert Smallbore Rifle Medal. Cadet Planeta was the first CTWG Cadet to earn this honor which is the highest level of achievement in the NRA Junior Smallbore Program.



*Riflemen Roe (Groton) and Planeta (Meriden)
Flank Coach Rocketto at the 600 Yard Line, Camp
Perry, OH*

Visits will continue through the summer by prior arrangement with the Squadron Commander and AEO. The purposes of the visits are to share ideas, resolve problems, and observe squadron aerospace activities.

AIAA CONFERENCE

The American Institute of Aeronautics and Astronautics will be sponsoring an aerospace educational conference titled "Passport to the Future" at the Joint Propulsion Conference which will be held in July in Hartford.

The Wing and the Connecticut Chapter of AIAA encourages AEOs to attend. The dates are Monday and Tuesday, 21-22 July. Cost is \$50 and we are attempting to find underwriters for your fees.

Please contact Capt Rocketto, Wing DAE, at the letterhead email address if you are interested and require more information.

ROCKET CONTEST RESULTS

Thames River Composite Squadron won The Commander's Cup, emblematic of victory in the annual Wing Rocketry Contest. They were also awarded a \$20 gift certificate from CATO, the amateur rocket enthusiasts who supported the event.



*Groton Launch Team
L. Wojtcuk, A. Wojtcuk
George Abbiati, -Michael Molinari*

In order to earn the honor, the following tasks were accomplished. First, a historical rocket had to be submitted for static judging at the Wing Conference which then had to be flown and recovered in flyable condition at the contest.



Liberty Bell 7
Launch



Submarine Launch

The second rocket entered was an Alpha decorated with a CAP theme and built by a tyro, someone who had not competed in the contest previously. This rocket was judged on construction, decoration, and flight and also had to be recovered in a flyable condition.

Finally, a "scratch built" rocket" based upon a squadron theme was also required.

To cap the activities of the day, the Wing Aerospace Education Department offered a prize to the squadrons which performed best on a twenty question quiz based upon the information needed to successfully complete the requirements for the Rocketry Badge. Stratford Eagles and Manchester were each awarded a book with a rocket theme based upon their high scores.



Waterbury Contestants



Stratford Eagle Team

ENCAMPMENTS

The Wing Encampment at Norwich University is still on but the price has gone up again.

Cadets who wish to attend an encampment this summer might check the programs for the Massachusetts Wing at Fort Devens, 10 Aug-17 Aug. Contact Maj John S. Flaherty at flahertyjohn@msn.com.

The Northeast Regional Encampment will be held at Otis Air National Guard Base 22-30 July. In addition to the Basic Encampment, they will also run an NCO Academy, Cadet Leadership School, and Honor Guard Academy. Information may be found on the Northeast Region web site.

FRUIT SALE

Last year, about half the Wing participated in the Citrus Fruit Fundraiser and over \$5,000 profit accrued. Permission has been given to run the fund raiser again and plans are now being made. Essentially, we will start earlier and discuss strategies for maximizing profit and making distribution easier. An organizational meeting is planned for August or September and will be announced in this publication.

BRADLEY/ANG SPACE AND AVIATION DAY

The annual Space and Aviation Day for the benefit of the Hole-in-the-Wall Gang will be held at various venues at Bradley Airport and the CT ANG Base on 12 July. Report time is 0830. The scheduled events run until about 1600, but we will release everyone around 1400 so that all can enjoy the activities. Encourage your families to come to this FREE event. Lunch will be provided. Uniform BDU and bring water! Capt John Kinsky of the 103rd Composite Squadron is soliciting assistance from other CTWG units to assist. If you are interested, contact Capt Kinsky at commander@103rdcomposite.net

MAGAZINE GIVEAWAY

A large number of aviation magazines have been left at Wing Headquarters and are free for the taking. They are located just outside the lavatory on the fourth floor. Many are recent. The list includes *Flying*, *AOPA Pilot*, *Air Force*, *Smithsonian Air and Space*, *Sport Pilot* and *Aviation Week and Space Technology*.

QUONSET AIR SHOW

Members of the 143rd Composite Squadron and Thames River Composite Squadron attended the Quonset Air Show on 27-29 June. We worked in conjunction with RIWG Cadets to maintain order and safety on the flight line.

Highlight of the show was the last U.S. performance of the Red Arrows, the Flight Demonstration Team of the Royal Air Force. They flew a spectacular nine plane routine in their BAE Hawks.



RAF Red Arrow Hawks

They were supported by a one week old C-17 Globemaster III which they flew in from the manufacturing plant in California. It is the newest C-17 in the air and the interior has the classic "new car" smell.

The Northrop B-2 did a flyover on Saturday and a Boeing B-52 flew on Sunday. Each day, the USAF flew an F-14 demo, the USN flew their

F/A-18, and the USMC showed the amazing abilities of the AV-8 Harrier V/STOL attack aircraft. In addition, the RIANG's C-130J provided a stellar display of tactical resupply methods. Civilian acrobatic pilots Shawn and Eric Tucker and Julie Clark, among others frosted the cake with maneuvers which seemed to be on the very edge of the envelope of aerodynamic possibilities.

MEMORIES OF JULYS PAST

01 July, 1926-Colonial Air Transport inaugurates Civil Air Mail Route #1 flying from New Jersey to Boston with an intermediate stop at Brainard Field, Hartford, Connecticut.

02 July, 1982-Larry Walters soars to 16,000 ft in a lawn chair attached to 42 helium filled weather balloons. Sustained for 14 hours by beer and sandwiches, he shoots some of the balloons with an air pistol and descends into power lines, causing a 20 minute blackout in Long Beach, California.

03 July, 1936-The First Flight of the Shorts S.23 C Class Empire Flying Boat.

04 July, 1942-USAAF pilots flying British Douglas Bostons (A-20 Havocs) conduct the first US bombing run on continental Europe in World War II.



Douglas Havoc

05 July, 1927-Verein für Raumschiffahrt (Space Travel Association) formed.

06 July, 1951-Four RF-80s and a KB-29 perform the first inflight refueling under combat conditions.

07 July, 1915-Robert Goddard obtains his first patent for a liquid fueled rocket engine.

08 July, 1940-Boeing's Model 307 Stratoliner, the first pressurized airliner, enters service with TWA.



Stratoliner Languishes in the Desert

09 July, 1921-Prof. Bailey Willis utilizes an airplane to study the San Andreas Fault.

10 July, 1957-USAF reveals details of the Convair B-58 Hustler, its first supersonic bomber.



Convair B-58

11 July, 1955-The first class of Cadets is sworn in at the USAF Academy temporary facilities at Lowry AFB, Denver, Colorado.

12 July, 1966-Milt Thompson takes Northrop M2-F2 lifting body on its first flight.



This was the aircraft that crashed in the opening to "The Six Million Dollar Man"

13 July, 1967-First Flight of the production model of the Convair FB-111.



The "Aardvark"

14 July, 1974-Gen Carl "Tooney" Spaatz goes West.

15 July, 1951-Two Sikorsky H-19s depart Westover AFB on start of first helicopter crossing of North Atlantic Ocean. They arrive in Prestwick, Scotland on 31 July.

16 July, 1969-Apollo 11 lifts off for the first manned lunar landing.

17 July, 1938-After being denied permission for a trans-Atlantic flight, Douglas Corrigan leaves Floyd Bennett Field, NY, in his Curtiss Robin for a return flight to California. Climbing through the evening overcast, he has difficulty reading his compass. Some 26 hours later, he descends and lands at Baldonnel Airport, Dublin. Interrogation by humorless government officials fail to extract an admission of guilty conduct as Corrigan states, "That's my story."

18 July, 1943-The K-74 becomes the only USN blimp to be downed by gunfire in World War II when it engages in a duel with U-134 in the Florida Straits.

19 July, 1941-Capt. Claire Chennault assumes duties as Chief Instructor of the Chinese Air Force.

20 July, 1956-The first KC-135 leaves the Boeing factory.

21 July, 1946-Cmdr. James Davidson piloting a McDonnell XFD-1 Phantom makes the first landing of a turbojet aircraft on a United States aircraft carrier, the Franklin D. Roosevelt.

22 July, 1925-Pratt and Whitney Aircraft Company is founded in Hartford, Connecticut.

23 July, 1930-First Flight of the Fouga C.M 170R Magister.



Fouga Magister at Quonset Air Show

24 July, 1932-Alberto Santos Dumont goes West.

25 July, 1930-Chance Vought goes West.

26 July, 1955-Capital Airlines becomes first U.S. airline to operate a turboprop when it adopts the Vickers Viscount.

27 July, 1945-NACA establishes the Pilotless Aircraft Research Station at Wallops Island, Virginia.

28 July, 1919-The US Bureau of Fisheries and the USN make the first recorded aerial observation of fish off Cape May, New Jersey.

29 July, 1958-President Eisenhower signs the National Air and Space Act establishing NASA

30 July, 1957-A modified Kaman HTK makes the first flight of a pilotless helicopter in Bloomfield, Connecticut.

31 July, 1945-Airlines from Denmark, Norway, and Sweden consolidate to form the Scandinavian Airlines System.