

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. 1

07 January, 2011

SCHEDULE OF COMING EVENTS

For Future Planning

- 11 JAN-Character Development
Emergency Services Training
- 14 JAN-Juliet Long Aerospace Festival
- 18 JAN-Commander's Call
- 25 JAN-Duty Briefing (Operations)

- 12-13 FEB-SLS School
- 15 FEB, 2011-Col Stidsen lecture on Cold War
SAC Missile Silo operations.

CADET MEETING

4 January, 2011
by
C/2Lt Flynn

Cadets Hall, Wojtcuk, and Flynn led the flight in drill. To the rear, flanks, and columns were practiced.

Capt Wojtcuk discussed the Juliet Long AE festival, to be held at Juliet Long School on January 14 (beginning at 1900 hours). The uniform is Blues. Any cadets who wish to attend must email Maj Rocketto promptly.

Capt Wojtcuk went over the new attendance policy. In order for a cadet to attend outside activities, he or she must have had at least 75% attendance in the previous month.

C/2Lt Wojtcuk held a class on "What is Character?" Her class went over the main points of chapter one of the cadet leadership textbook, the "Warrior Spirit", and the Cadet Oath. When asked what he learned from the class, Cadet Bourque responded, "Character is the negative or positive actions that make you who you are."

C/2Lt Flynn gave a speech to the cadets entitled "Taking Charge", in which Flynn used material learned from his interview with Capt Noniewicz. This speech touched on various aspects of taking charge and on some of the problems that a new leader encounters, such as, "Why must a leader take charge deliberately?" and, "How does a leader earn his followers' respect?" This speech was part of Flynn's Staff Duty Analysis report, which is required for officers seeking the Flight Commander achievement.

Cadets Daniels and Johnson jointly held a team building class, which they called, "Getting to Know You". Cadets in two teams tried to match up their fellow cadets to personal traits listed on a chart that Daniels and Johnson had put together. Cadets had to act as a team and ask each other questions in order to get all the names correct. For example, one box on the chart had the words, "I have eaten at the White House Navy Mess." After asking around in their teams, cadets eventually pinpointed Cadet Flynn as the diner.

Maj Rocketto discussed the *Coastwatcher* contests. Cadets said they would like him to

extend the present contest once more, so many cadets are expected to enter. The contest may be found in Coastwatcher 40, 41, and 43. Check the squadron website for these editions if you did not save them.

Maj Rocketto also talked about current rocketry and aviation events, including an update on the space shuttle. The maintenance problems with the shuttle were discussed in regard to the development of new aircraft such as the EADS A400 and the Boeing Dreamliner. The specific structural problems which destroyed two deHavilland Comets, Britain's first jet liner, were discussed in detail.

Maj Rocketto reminded Cadets that wing encampment is a prerequisite for attending National Cadet Summer Activities and urged encampment attendance.

Capt Noniewicz announced that the Orientation Flights held on December 29 went very well, and that we might try to have more flights in February.

A promotions and awards ceremony followed. Cadet Derreck Bunevich was promoted to Cadet Airman. Both Cadet Daniels and Cadet Vandevander were promoted to Cadet Senior Airman. C/2Lt Flynn received the lateral achievement entitled "Flight Commander"; as no ribbon or promotion corresponds to this achievement, Capt Noniewicz awarded him a small golden trophy. Cadets Paquin, Cathcart, and Rodriguez were given their Redstone certificates. Cadet Paquin received her "First O-Flight" certificate.

ORIENTATION FLIGHTS

29 December, 2010

Capt Petry operating out of GON gave O Flights to Cadets Paquin, Daniels, Ray, Flynn, and Schultz.

Maj Mode was flown to Bridgeport by Capt Noniewicz, picked up a CAP 172, and flew to New Haven. He flew two orientation flights from New Haven with Cadets from the Minuteman Squadron.

SQUADRON LEADERSHIP SCHOOL **SCHEDULED**

Capt Dains, CTWG Professional Development Officer, has announced that Maj Azriel Gorski of the Minuteman Composite Squadron has been appointed as Course Director for the Squadron Leadership School (SLS) to be conducted in Farmington on February 12 and 13, 2011.

Squadron Leadership School is a component of Level II of the Senior Member Professional Development Program. SLS is designed to enhance a senior member's performance at the squadron level, to increase understanding of the basic function of a squadron, and how to improve squadron operations.

Upon completion of the school, members should be able to:

- * Understand the basic expectations associated with being a CAP member; commit to serving as a staff officer.
- * Develop an appreciation for the essential role squadrons play in CAP; acquire practical knowledge necessary for serving as a staff officer.
- * Comprehend the leadership attitudes and skills necessary for serving effectively as a squadron staff officer.

To enroll for the school, please submit a CAPF 17, with your commander's endorsement, to Wing Headquarters no later than February 3, 2011. Forms may be hand delivered or mailed to Wing Headquarters at P.O. Box 1233, Middletown, CT, 06457-1233. Please enclose a check for \$20.00 made payable to CTWG Civil Air Patrol, to cover course materials and refreshments.

Prerequisites for attendance are completion of Level I and enrollment in one or more specialty tracks. Uniform will be blues, corporate equivalent or polo shirt uniform – absolutely no flight suits or BDUs. Detailed directions and additional course information will be provided with enrollment confirmation.

SENIOR MEETING

04 January, 2011

LtCol Wisehart led a group discussion on the final steps needed to complete the squadron self evaluation.

Capt Lintelmann reported on the financial status of the squadron. Thanks to donations and fund raising, we are solvent and prepared to run a full schedule of activities during 2011.

Maj Rocketto solicited suggestions on squadron needs which might be covered in a future grant which CTWG is submitting.

CURRENT EVENTS

Update on Delayed Discovery Mission

Shuttle program managers have decided to strengthen dozens of support stringers on the shuttle's external tank in an effort to prevent cracks. The long delayed mission is now scheduled for a February launch window.

Navy's New Electromagnetic Catapult Tested

As naval aircraft grow heavier, the half century old steam catapult system system used on aircraft carriers is reaching the end of its useful life.

Naval Air Systems Command, Lakehurst, New Jersey, is ground testing an new electromagnetic system which provides far more control over delivered energy, smoother acceleration, lower maintenance costs, and more variability in speed,

The new system is scheduled for installation on the USS Gerald R. Ford (CVN 78) this year.

National Aviation Hall of Fame Announces New Honors

The National Aviation Hall of Fame in Dayton will enshrine four new members in ceremonies on July 16th, 2011. Capt Iven Carl Kincheloe, Jr, USAF, a Korean War double ace and test pilot, Col Charles Edward McGee, Tuskegee Airman and fighter pilot with 409 missions in three wars, S. Harry Robertson, father of the crashworthy fuel system, and General Thomas D. White, a former Chief of Staff are the selectees.

The Blue Angels will receive the 2011 Milton Caniff "Spirit of Flight" Award for a 65 year history of "serving as positive role models and goodwill ambassadors for the US Navy and the US Marine Corps.

The "Blues" are the oldest US military aerobatic team. They have flown the Grumman F6F Hellcat, F8F Bearcat, F9F Panther, F9F-8 Cougar, F11F-1 Tiger and the Douglas A-4F Skyhawk, McDonnell F4J Phantom II, and the McDonnell-Douglas FA-16. Their support aircraft were a Douglas R4D Skytrain, Curtiss R5C Commando, Douglas R5D Skymaster, Lockheed C-121 Super Constellation and the current Lockheed USMC C-130 Hercules.



*Grumman
F11F-1 Tiger
late '50s-1960s*

McDonnell
F-4J 1970
era



Douglas A-4F
Skyhawk mid 70s-mid
80s

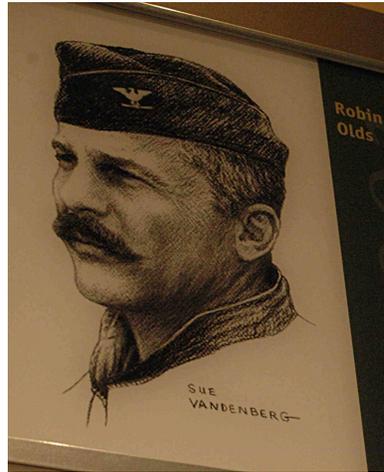


AC-119J at Air Commando Museum

02 JAN, 1967-In Operation BOLO, F-4 Phantom pilots of the 8th Tactical Fighter Wing shot down seven MiG-21s over the Red River Valley, North Vietnam. Col. Robin Olds, 8th Tactical Fighter Wing commander, shot down a MiG-21 to become the only USAF ace with aerial victories in both World War II and Vietnam.



Present McDonnell-Douglas F/A 16s



Col Robin Olds



"Fat Albert" support aircraft

03 JAN, 1981-Pan American World Airways retires its last Boeing 707.



Jet Clipper Morning Star

AEROSPACE HISTORY
MEMORIES OF JANUARY'S PAST

January 1, 1969-The 71st Special Operations Squadron of the Air Force Reserve flew the first AC-119 Shadow gunship combat mission in Vietnam.

04 JAN, 1989-Two Libyan MiG-23s are shot down by USN F-14s over the Gulf of Sidra.

05 JAN, 1943-Maj. Gen. Carl A. Spaatz is appointed Commander in Chief of Allied Air Forces in North Africa.



06 JAN, 1925-The German air carriers, *Junkers* and *AeroLloyd* amalgamate to form *Deutsche Lufthansa*.

07 JAN, Major Carl Spaatz and his crew land their Fokker C-2 trimotor in Los Angeles after using aerial refueling to set a new endurance record of almost 151 hours.

08 JAN, 1944 Test pilot Milo Burcham flew the Lockheed XP-80 Lulu Belle for the first time at Muroc Dry Lake, California. The P-80 became the first U.S. fighter to exceed 500 miles per hour in level flight.



Lulu Belle now rests at the National Air and Space Museum, The Mall, District of Columbia.

09 JAN, 1943-First Flight of the Lockheed C-69 Constellation piloted by Eddie Allen and Milo Burcham, Burbank, California.



A Model L-049 Connie in TWA livery, retired at Pima

10 JAN, 1961-First Flight of the Bell 206A JetRanger.



JetRanger at WST

11 JAN, 1945-Capt. William A. Shomo sets AAF record of seven enemy air victories in a single engagement.

12 JAN, 1866-The Aeronautical Society of Great Britain founded, forerunner of the Royal Aeronautical Society.

13 JAN, 1908-Henri Farman sets an absolute speed record of 32.74 mph flying a Voisin-Farman biplane.

14 JAN, 1953-Lt Joseph M. McConnell, Jr., flying an F-86 Sabre Jet records his first aerial victory, shooting down a North Korean MiG-15. McConnell, a WW II B-24 navigator, went on to become the leading USAF ace of the Korean War with a total of 16 aerial victories.

15 JAN, 1991-The first hot air balloon to cross the Pacific launches from Japan to land, eventually, in Canada. The crew of Per Lindstrand and Richard Branson average about 140 mph and fly as fast as 245 mph in the westerly jet stream.

16 JAN, 1975-Start of record setting week By setting eight time-to-climb records in the specially prepared F-15 Eagle known as "Streak Eagle.", Maj. Roger J. Smith, Maj. David W. Peterson, and Maj. Willard R. MacFarlane earned the Mackay Trophy.



Specially stripped F-15, Streak Eagle, on display at the Museum of the USAF.

January 17, 1956-The Defense Department revealed the existence of SAGE (semi-automatic ground environment)—an automated, electronic air-defense system. Its radar transmitted data rapidly via telephone lines to direction/combat centers, where large computers processed the information for interception aircraft.



IM-99 Bomarc, a product of Boeing and Michigan Aerospace Research Center. The only SAM ever fielded by the USAF and designed as one of the interceptors controlled by SAGE.

18 JAN, 1957-Commanded by Maj. Gen. Archie J. Old, Jr., USAF, three B-52 Stratofortresses completed the first around-the-world nonstop flight by jet aircraft. The bombers covered the 24,325-mile distance in 45 hours and 19 minutes, flying at an average speed of 534 miles per hour.



B-52B, the type used in Operation Power Flite

19 JAN, 1910-At Los Angeles, Lt Paul Beck, flying a Farman biplane drops sandbags in the first U.S. Army experiment in aerial bombardment

JAN, 1937-Howard Hughes, in his H-1 racer, sets a new transcontinental speed record of 332 mph.



The Hughes Racer at NASM on the Mall

21 JAN, 1951 January 21: Lt. Col. William E. Bertram became the first USAF pilot to shoot down a MiG-15 while flying an F-84 Thunderjet.



Republic F-84E

22 JAN, 1952-At Wallops Island, Virginia, NACA engineers run the first test on a rocket propelled vehicle incorporating the Whitcomb Area Rule.

23 JAN, 1970-NASA launches the first Improved TIROS Operational Satellite (ITOS), the forerunner of the the National Oceanographic and Atmospheric Administration's polar orbiting meteorology satellites.

24 JAN, 1972-Singapore Airlines is formed.

25 JAN, 1983-First Flight of the Saab-Fairchild 340.



Swedish Designed Regional Airliner, Saab 340

26 JAN, 1953-Chance-Vought produces the last F4U Corsair after a 13 year production run.



Fleet Air Arm Corsair at Duxford

27 JAN, 1967-Gus Grissom, Edward White, and Roger Chaffee, the crew of "Apollo One" lost when a fire breaks out inside their capsule during a training exercise.

28 Jan., 1986-The crew of Challenger, Space Shuttle Mission 51-L lost when, just after launch, exhaust leaking from a faulty joint in a solid rocket booster ignites the fuel in the external fuel tank.



Challenger on its penultimate launch

29 JAN, 1953-First Flight of the Morane-Sulnier M.S. 755, prototype of the M.S. 760 Paris.

30 JAN, 1948-Orville Wright goes West.

31 JAN, 1949-Pan American World Airways receives the first Boeing 377 Stratocruiser delivered for airline service.



377 Flight Deck

2011 Commander's Cup Rocketry Contest Connecticut Wing

The CTWG will once again sponsor the Commander's Cup Rocket Contest. This year, the rules of engagement have been aligned with the requirements of the Rocketry Badge Program. The construction of the rockets is an ideal winter activity program. The rules follow:

TENTATIVE RULES OF ENGAGEMENT

Every participating squadron will supply one judge.

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Flight 1: Tyro Cadets will build an Estes Alpha or Quest Astra 1 decorated in a Civil Air Patrol Theme. The entry will be judged on construction, finish, and flight. Each first year Cadet in a Squadron may enter one rocket. A Tyro Cadet is a Cadet who has never participated in the Wing contest. (CAVEAT-The Alpha is the model with balsa fins. Do not order the Alpha III with plastic fins for this contest.)

Flight 2: Load Bearing or Multistage Rocket

Flight 3: Historic Air Vehicle

Judging will be based on construction and finish,.

Construction points will be based on sanding, contouring of fins, joins of fins to fuselage, and alignment of fins. Finish will be based upon quality of paint application, neatness of decal or marking application, and appropriate markings and colors.

A scoring rubric will be developed and sent out for comments.

Squadrons are responsible for purchasing rockets, engines, igniters, and wadding.

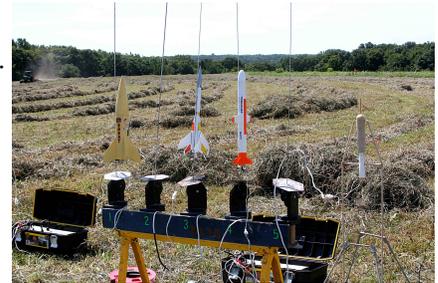
Scenes from the 2010 Competition

(Photos by Bourque and Decker)



Stratford Eagles Check in With Safety Officer

*Launch Rack Set.
Note Cadet Herzog's Prize
Winning
Tomahawk and
the Goddard
Design*



*Cadet Flynn
packs a "chute"*

*Cadet Paquin's
TRCS themed
rocket is
weighed in*

