



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

31 JAN-01 Feb-CLC at Bridgeport
03 FEB-TRCS Meeting-Staff Meeting
07 FEB-TRCS Ground School
10 FEB-TRCS Commander's Call
14 FEB-Orientation Flights@GON
15 FEB-TRCS Ground School-Training
17 FEB-TRCS Meeting
22 FEB-TRCS Ground School
24 FEB-TRCS Meeting-Field Training

CADET/SENIOR MEETING REPORT

27 January, 2015

The meeting was cancelled due to blizzard conditions.

TRCS PRIVATE PILOT GROUND SCHOOL

A discussion was held in which students noted points of difficulty which occurred when they took the last practice exam. These items were reviewed and included aircraft performance tables, weight and balance, cross country flight planning, and the use of the E-6B computer.

Lt Col deAndrade announced that a 50% (\$70) "scholarship" will be offered to each Cadet who completes the FAA Private Pilot examination.

DeAndrade was assisted in the class presentations by Lt Cols Bergey, and Rocketto.

AEROSPACE CURRENT EVENTS

USAF Trains in Foreign Climes

The USAF proclaims "global reach" as one of its virtues and this is possible due to aerial refueling, foreign bases, and prepositioned materials and supplies.

Recent Air Force training overseas exemplifies part of what is meant by "global reach." The data for the following notes have been extracted from <http://www.af.mil/News.aspx> and cover the month of January.

France-The 37th Airlift Squadron participated in Volfa 15-1, an annual, multilateral training event led by the French air force at Orleans - Bricy Air Base, France.

Germany-Airmen from the Utah Air National Guard's 151st Air Refueling Wing recently spent two weeks at Geilenkirchen Air Base, Germany, to provide air refueling support during training flights for NATO E-3A Sentry aircraft pilots.

Slovenia-The 435th Air Ground Operations Wing led a U. S. Air Forces in Europe and Air Forces Africa air traffic control advisory mission in Cerklje Air Base, Slovenia.

Japan-An aircrew with the 36th Airlift Squadron at Yokota Air Base, Japan, tested their survival, evasion, resistance and escape capabilities at Camp Fuji, Japan.

Israel-Maj. The 48th Airlift Squadron flight commander and an instructor pilot, had the opportunity to travel far from Little Rock AFB to train Israeli aircrew members.

United Kingdom-Royal Air Force Lakenheath, U.K., was selected as the first U.S. Air Forces in Europe (USAFE) base to host the F-35A Lightning II.

Chile-Airmen from the 12th Air Force (Air Forces Southern) recently spent four weeks training members of the Chilean air force, while participating in the U.S. Southern Command's priority of building partner capacity through sustained engagement.

Southeast Asia-USAF armaments troops are actively engaged in building the special bombs used for precision air attacks against ISIL.

AVIATION HISTORY

29 January, 1920-Orville Wright is appointed to the National Advisory Committee for Aeronautics (NACA). NACA was created to undertake, promote, and institutionalize aeronautical research. In 1958, NACA was disestablished and its personnel and assets were transferred to the newly established National Aeronautics and Space Administration.



NACA Seal



Coastwatcher Seal (clipart.com)

30 January, 2001-Air vice Marshal James "Johnnie" Johnson. CB, CBE, DSO & Two Bars, DFC & Bar, goes West. Johnnie Johnson was the top scoring Royal Air Force Ace in WWII with 38 victories.



Sally and Johnny Johnson on a Spitfire wing in Normandy in the autumn of 1944.. Note the crudely painted invasion stripes. (PD)

31 January, 2011-Charles H. Kaman goes West. Kaman, a gifted engineer, made his mark in designing both the first gas turbine helicopter and the innovative Ovation guitar. In 1997, the National Aeronautics Association awarded Kaman the Wright Brothers Memorial Trophy for his 50 years of contributions to aviation, music, and humanitarian projects



Mr Kaman and two of the German Shepherd guide dogs which the company he founded, Fidelco, breeds and trains.

01 February, 1964-the Boeing 727 enters service with Eastern Airlines. On this same date in 1983, Boeing announces that it will cease production of the 727.



02 FEB, 1929-The Boeing Airplane and Transport Corp. changes its name to United Aircraft and Transportation Corp. and within a year expands its operations to include Chance Vought Corp., Hamilton Metalplane Division, Boeing Aircraft of Canada, Stout Airlines, Northrop Aircraft Corp., Stearman Aircraft Co., Sikorsky Aviation Corp., Standard Steel Propeller Co. and Pratt & Whitney Aircraft Co. Anti-trust laws led to a breakup into United Aircraft Corporation with headquarters in Hartford, a Boeing acquisition of the western assets, and the formation of an independent United Airlines.

03 Feb, 1958-The Day the Music Died! Buddy Holly, Ritchie Valens, and J.P. “the Big Bopper” Richardson and pilot Roger Peterson die when their Beech Bonanza crashes in bad weather near Clear Lake, Iowa.

04 Feb, 1902-The first aerial photographs of Antarctica are made when Ernest Shackleton and Capt. Robert Falcon Scott ascend in the tethered hydrogen balloon, *Eva*, near the Bay of Whales, Ross Ice Barrier.



BALLOON ASCENDING.

McMurdo Sound, Antarctica, 1902. A balloon ascent. Launch crew stands below and RRS Discovery is moored in the background. (Courtesy of aucklandcity.govt.nz)

Notable First Flight Anniversaries this Week



1932-DH-83, the deHavilland Fox Moth. A light transport capable of carrying three paying passengers. They were found useful in the Australian bush and were used by QANTAS for the Royal Flying Doctor Service.



1945-The Kawasaki Ki-100 on display at the RAF Museum in Hendon. The Ki-100 was an interceptor developed by the Imperial Japanese Army to counter the raids on Japan by B-29s and carrier aircraft. Agile and fast, the Ki-100 was introduced too late to make a difference.



1946-The need for a high flying, fast reconnaissance aircraft gave rise to a competition between the Republic XF-12 and the Hughes XF-11. Arguably the Rainbow was the fastest four engine propeller aircraft ever built. The end of the war and the advent of jet propulsion spelled finis to the concept.

(Credit: Republic Aviation Corporation.)



1948-The Douglas D-228-2 Skyrocket started with composite propulsion, both turbines and a rocket but its success was achieved with pure rocket power. Mach 2 was first exceeded by a Skyrocket piloted by Scott Crossfield. Note the NACA identification stripe on the vertical stabilizer.



1958-The T-2 Buckeye was built in Ohio at a government plant run by North American Aviation. The early models were single engine trainers but subsequent aircraft were equipped with two engines. The plane had a 49 year career with the Navy and the Greek and Venezuelan Air Forces. The aircraft seen above is at GON sometime in the '70s.



2001-An AugustaWestland AW139 at Meriden-Markham Airport. The AW139 has found homes in both the military and corporate aviation. This may be a Pfizer's aircraft operated by Peak Enterprise near the Trenton-Mercer County Airport.



2001-The General Atomics RQ-1 Predator developed into the MQ-1 which is capable of launching Hellfire missiles.