



*Missions for America*

*Semper vigilans!*

*Semper volans!*

Publication of the Thames River Composite Squadron  
Connecticut Wing

Civil Air Patrol

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16 September, 2020

19-20 SEP-LISP

22 SEP-Senior Meeting

26 SEP-SAREX-Plainville

29 SEP-Senior Meeting

06 OCT-Senior Meeting

13 OCT-Senior Meeting

20 OCT-Senior Meeting

27 OCT-Senior Meeting

## FRUIT SALES KIT PICKUPS

**Volunteers will be at the squadron every Monday, Thursday, and Friday from 1800-1900. Members are requested to pick up their kits as soon as possible.**

### SENIOR MEETING

*15 September, 2020*

*No Meeting-SUI Night*

### CADET MEETING

*16 September, 2020*

*Submitted by*

*S/SMSgt Noah Bosse, Cadet PAO*

Lt. Neilson and Lt. Noniewicz talked to the cadets about the mission they flew on September 11th 2001 to deliver medical supplies. They explained the importance of preparedness and how it helped them complete the mission.

C/SMSgt Busher told the cadets about the Cisco Cyber Security Learn-a-Thon and how to participate.

### REPORT ON WEEKLY OPERATIONS AND ACHIEVEMENTS, MISSIONS, PROMOTIONS, ACTIVITIES

*HF Net*

In April, CAP started experimenting with a regular high frequency radio network operating four nights per week. Thames River is an active participant with Lt Mike Kopycienski running a net control station and two TRCS cadets, C/CMSgt Elizabeth Burton and C/TSgt, performing radio operator duties.

The net passes complex situational reports to up the command hierarchy and participates in high level briefings. In Connecticut, seven CTWG squadrons are involved in the national effort, an effort which can only strengthen the Wing ability to perform the emergency services mission

## AEROSPACE CHRONOLOGY FOR THE WEEK

16 Sept., 2013 – First Flight of the Bombardier C Series now flying as the Airbus 220.



*Former TRCS Commander, John deAndrade flies the A220 for Delta.*



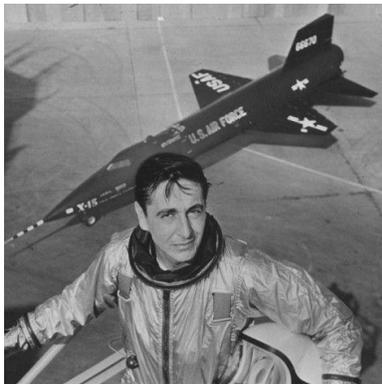
19 Sept. 1949 – First flight of the Fairey Gannet. Both the namesake bird and the aircraft hunt underwater prey. The aircraft has some unusual features



*Gannet's dive from a height and pursue they prey underwater. The special equipment which optimizes this technique are nostrils in the mouth, air sacs which act like bubble wrap to cushion the impact with the water and binocular vision. (Credit:*

*Mike Pennington)*

17 SEP, 1959-A. Scott Crossfield, legendary test pilot and CAP icon, pilots North American X-15 on the first of its 199 flights at Edwards AFB.



*A CAP Aerospace Education Officer who attains a Master Rating is awarded the CAP's Scott Crossfield ribbon.*



*AEW.3 once on display at the New England Air Museum.*

The Fairey Gannet has good visibility from the cockpit, a long loiter time, electronic search equipment and carries a ton of ordnance.

*The NEAM aircraft but now at the Pima Air & Space Museum.*



18 Sept. 1977 - The first photograph showing the earth and the moon together was taken by the Voyager I spacecraft.



*(Credit: NASA)*

The dual counter-rotating propellers were each run by its own turbine engine. For extended range, the pilot could shut down one of the engines.

Space aboard an aircraft carrier is limited so almost all carrier-borne planes have folding wings. Commonly, the wings fold vertically or rotate and

fold back along the fuselage. The Gannet has an unusual bi-fold wing.

His mechanic, S/Sgt Samuel Hynes also dies in the crash.



*Two views of an AS.4 of the Bundesmarine now at the German Air Force Museum, Gatow.*



*Westover was one of only a few general officers to have earned the Distinguished Rifleman's Badge visible under his ribbons (Credit: USAF)*

20 SEP. 1946-First Flight of the Martin P4M Mercator. Like the Gannet, the Mercator had an unusual feature. Whereas the twin-engine Gannet looks like a single engine aircraft, the Mercator looks like a two engine aircraft but actually has four engines. Outwardly powered by two piston engines, the Mercator had two turbo jets mounted in the aft end of the piston's nacelles.

*The A-17 served in 10 countries during WWII.*



22 Sept, 1945 – Operation (LUftwaffe Secret Techno**Y**) was the USAAF effort to collect and evaluate German aeronautical technology during and after World War II. Many of the German and some Japanese and Italian aircraft were tested and stored at Freeman Field, Indiana, the military's Foreign Aircraft Evaluation Center. Warehouses were filled with captured aviation equipment of all sorts.

Only 21 were built and they found their main employment with VQ-1 and VQ-2, Navy squadrons charged with gathering signal intelligence. During the course of these missions, two were shot down and one heavily damaged by Chinese or Soviet interceptors.

On Sept. 22, 1945, Lt William V. Haynes was on final approach in a Focke-Wulf Fw 190 when his aircraft pitched up, rolled over and crashed killing Haynes. The cause was unclear but previously, another FW 190 had crashed under similar conditions due to a faulty horizontal trim switch.

21 Sept, 1938 – Major General Oscar Westover, Chief of the U. S. Army Air Corps, goes West at the Lockheed Air Terminal, Burbank, California, in the crash of a Northrop A-17AS he is piloting.



*Fw-190 at Freeman*



*German aircraft at Freeman. The red Me 108B is reputed to have been Herman Göring's*



*The Stinger carried 4 7.62 mm miniguns and 2 M61 Vulcan 20 mm cannons.*

Freeman Field, Seymour Indiana, also has a connection with Connecticut and CAP. In June of 1944, Freeman was the site of the Army Air Force helicopter training facility. Six Sikorsky R-4s were flown in from Bridgeport, the longest long-distance flight of helicopters at that time.



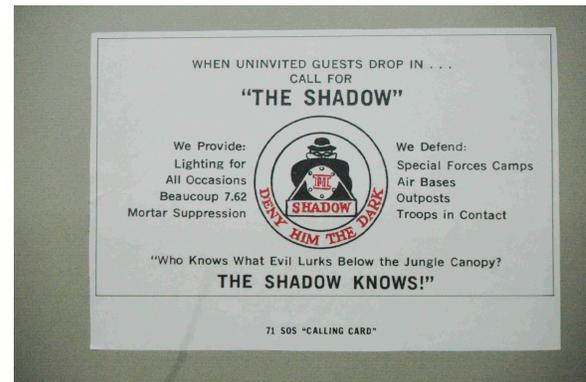
*The R-4*

During WWII, the base was used to train pilots to tow assault gliders.



*Experiments were also carried out with "powered" XPG-4 gliders*

At one point, the 71st Special Operations Squadron were based there and trained in the Fairchild AC-119K Stinger gunship.



*71st SOS calling card*

During the National Emergency Service School, Freeman was one of the "target" sites for mission air crew training. The air crews sortied out of Columbus Airport, formerly Atterbury-Bakalar Army Air Field. The Editor and his observer, Capt John Lawless located a beacon at Freeman during one point in the training in 2006.



*Columbus Airport now. The original control tower stands in the middle and at least one CAP 181 is visible on the far left.*