



AIR TRAILS

**CAP-WESTERN NEW YORK
GROUP NY-024**

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AWAITING TASKING – Civil Air Patrol (CAP) cadets from the Jamestown Composite Squadron sit in the Challenger Space Station awaiting tasking to begin their simulated mission to Mars. Cadets and Senior members recently completed their first mission at the Challenger Learning Center of the Twin Tiers at St. Bonaventure University. (CAP photo by Maj. Ellen Maternowski)

Jamestown CAP flies a Challenger Mission to Mars

ALLEGANY, NY – Editor's Note: On January 28, 1986, our nation lost seven heroes as the Challenger Space Shuttle was destroyed shortly after launch. It was a tragic day, etched in the minds of us all and in the history books of our nation.

And yet tragedy led to triumph, as the families of the astronauts created an educational program to honor the astronauts and inspire the next generation. They formed the Challenger Center for Space Science Education, with a mission to "inspire, explore and learn". Now with a national network of 47 Challenger Learning Centers, the program takes students on simulated missions to space, reaching 400,000 students every year - over 4,000,000 during our 25 year history.

Jamestown Composite Squadron personell recently completed their first formal mission at the Challenger Learning Center of the Twin Tiers at St. Bonaventure University, Allegany, NY. The cadets that attended were: Dominic Burkhard, Lucas Burkhard, Megan MacDonald, Tyler Felt, Ariel Wheaton, Clayton Hanson, Erika Snell, Lydia Snell, Alex Milliner, Jeffery Rupp, Mathew Rupp, Brandon Powell. Senior Members were: SM Dawn Meals, and Maj. Ellen Maternowski.

In their own words, the cadets give an overview of the mission:

On September 3rd 2011 cadets of the Jamestown Composite squadron of the Civil Air Patrol had the opportunity to participate in a NASA orchestrated program that was founded to honor those who passed away in the Challenger Space Shuttle.

Cadets participating in this activity manned a mock mission to Mars. The group was split up into two teams, with one on the simulated craft going to Mars and one on the Mars control center. Each cadet had a job to do and a position to fill. Among these were the navigator, data personnel, communications, life support, ISO, REM, probe team, and the medical team.

The program lasted approximately two and a half hours including the briefing, the mission, and the debriefing. Cadets came away from this program with an inside look at how land-to-shuttle missions operate, and hands-on participation in making the mission work. **(C/2d Lt. Dominic Burkhard)**

The Challenger Learning Center in Olean, NY is where the cadets visited this past August. While there, they participated in a simulation of a moon landing.

Different cadets had different positions to fill. On the shuttle were the positions as follows: Communications, which had the job of relaying commands to different posts: ISO(Isolation) which had the job of using robotic arms to check radioactivity of meteoroids; Data which had the job of ensuring that different posts got the correct messages; Navigation which had the job of ensuring the shuttle was on the correct course; probe which had the job of assembling the moon probe; remote which had the job of using the robotic arms to collect samples to send to ISO; Life Support which had the job of keeping oxygen levels in the shuttle at the normal operation level. This was the extent of the jobs. These positions were also in the moon base.

The object of the mission was to send a team to relieve those that were already in the moon base. This was the extent of our trip. **(C/TSgt. Tyler Felt)**

WNY GROUP MILITARY BALL - The Annual Western New York Group Military Ball will be held Jan. 21, 2012, at Salvatore's Italian Gardens, 6461 Transit Road (near Genesee St), Depew, New York

Schedule: Cash Bar, 6 p.m.; Buffet, 7 p.m; Awards, 8 p.m.; and Dancing, 9 p.m. until midnight.

Ticket Price & Deadline: \$28.00 donation. Reservations by Jan 13.

Parents, Friends Cadets and Senior Members are welcome.

Dress: Appropriate dress for the evening will be Mess Dress, Service Dress Uniform, or Blazer uniform. Cadets may wear blue uniform shirts and ties instead of the service coat. Female members may attend in uniform or appropriate evening dress. Civilian dress is acceptable.

Reservations by January 13 ---- REQUIRED. Contact your Squadron Commander, Lt Col Charles Jones at 716 754-2005 e-mail cbjones3@verizon.net or Maj. Larry Skerker at 836 1190 e-mail lskerker@Yahoo.com

PLEASE NOTE: special Hotel rates are available on January 21 at Salvatores Garden Place. Call 716 635-9000 and tell them you are with CAP. The rate is \$85.00- Std room and \$109.00 Jacuzzi Suite. Make reservations for a room soon as space is limited.

ALL UNITS -- This is the initial reminder notification that the Annual Logistics Inventory will commence 01 JAN 2012.

This inventory requires online reporting the status of all equipment including Equipment/Supplies, Aircraft, COV, and Communications and the validation of status and location.

Even if a unit has no assigned COV, Aircraft, Equipment, or COMGEAR every module in ORMS Annual Inventory must be opened and closed.

The S-6 REAL PROPERTY Module is still not operational. However, we are required to assure that each unit's information is accurate. Therefore, each unit must complete a new Real Property Survey Form and submit to the undersigned nlt 31 JAN 2012 at nywglg@rochester.rr.com.

The ORMS link to the Real Property Form is <https://www.capnhq.gov/CAP.ORMS.Web/Documentation/Temp.aspx>

Please note that an inventory cannot be completed when there is an open item. If an item is been transferred or being assigned, but not accepted, the system will not allow an inventory to be conducted. Therefore, make sure there is nothing pending before inventory is undertaken.

Wing staff officers with equipment will follow same 'show and tell' process as last year.

Any questions, please contact Lt Col Anita Martin or Lt. Col. Terry LeFeber.

2012 ES EVENTS -- As we venture into 2012 I have put together a very aggressive training schedule which I believe will enable us

to build on our past years experiences. I encourage each group to continue to do local training in addition to the Wing schedule I have put together. I just want to remind everyone that members get discouraged when they show up for training and just sit around. Please encourage everyone that they should train and help out where there are gaps. We always need mission staff assistants, more mission base staff etc. All positions are important, it is not just about flying or ground team. The coordination and documentation of these functions is just as important as finding the target.

We will be training with other agencies this year as well as with other Wings so it should be interesting.

In addition our Wing Commander wants to remind everyone that even though we are setup as groups and squadrons, we are one Wing and we have many experienced and talented individuals on Wing Staff that can be an asset in your local training. Reach out to these individuals to include them in your training, I assure you they will be an asset to you.

Below is the Wing ES Schedule for the remainder of Fiscal year 2012, I encourage everyone to schedule additional training throughout their groups:

Date	Event	Location	Backup Date
11 February	Wing	All Available Bases	12 February
3-4 March	SARTAC Mission Base School	NY Wing HQ	
10-11 March	Wing SAREX	All Available Bases	17 March
14 April	Wing SAREX	All Available Bases	21 April
16-17 June	SARTAC Air Mission School	Rome	
14 July	Wing SAREX	All Available Bases	21 July
10-12 Aug	WING GTE	All Available Bases	
16-21 Aug	SARTAC Ground School	Harriman State Park	
8-9 Sep	SARTAC Air Mission School	Long Island Group	
15 Sep	Wing SAREX	All Available Bases	16 Sep

PAO OF THE YEAR AWARD – Maj. Kevin Barry, NY Wing Public Affairs Officer (PAO), extended his greetings and hoped that everyone enjoyed their holiday. Major Barry stepped down as the Wing PAO. He added that it has been a pleasure working with everyone and he wished everyone continued success in the Public Affairs program. He is, however, soliciting nominations for the Wing Public Affairs Officer of the Year.

The Wing Public Affairs Officer of the Year award recognizes the outstanding group or unit Public Affairs staff member who has excelled in public affairs initiatives and has been instrumental in conducting an exceptional program during the previous year. Nominations shall document the PAO's outstanding actions, initiatives, and management of a unit public affairs program. Wing awards shall be presented during the annual wing conference.

Please submit your candidate for PAO and cadet PAO of the year to me by December 30, 2011 and to Chief of Staff Col Model NLT by January 8 2012. The information should include:

The person's name and rank; How long they have been a member and PAO; What level of the PAO specify track they have earned; And a brief description of why they are deserving of this award.

One of the following three items: A copy or web link of one or two stories they have written and were published (any newspaper or magazine from the local level to CAP magazines) or a copy or web link of a unit event the media reported (newspapers,TV, internet or radio) or a Unit newsletter, magazine, webpage or social media site they have produced. This is your chance to recognize your PAO efforts.

SARTAC -- Cadets and Senior Members of NY Wing; Do you want to become a Ground Team Member? If you're already a Ground Team Member, would you like to become a higher level Ground Team Member? Or perhaps even a Ground Team Leader or 'Field Medic?' Your chance is rapidly approaching. The NYWg Search and Rescue Training Academy Center (or simply SARTAC-Ground) will be conducting it's Cold Weather Winter Training Session on the following dates and location.

When: Saturday, 18 February 2012 – Wednesday, 22 February 2012. (Trainee's traveling in excess of 2 hours may report in on Friday, 17 February 2012 prior to 2200hrs.)

Where: West Hills County Park, Huntington, LI-NY.

Fee: Full Time Trainee's: \$80. Part-Time Trainee's: \$20 per day not to exceed \$80.

Transportation: The applicant must use their own means to travel to / from the Academy. However, CAP transportation MAY be available from either the Famingdale or Huntington Station's of the Long

Island RR upon request. Refer to <http://www.mta.info/lirr/>. Requests must be made through the LSC at ligsarlsc@gmail.com.

SARTAC-Ground is a residential Academy that will enable CAP members of varying ES experience to advance themselves by furthering their SAR education and knowledge. Each training school offered by the SARTAC is designed to advance the trainee by one GTM level, while receiving quality training from an experienced CAP staff.

Available Ground Search and Rescue Training Schools:

Basic GSAR Training School (BGT) = ROA BCUT, CPR / First Aid, UDF, GTM3

Advanced GSAR Training School (AGT) = CPR / First Aid, GTM2

Expert GSAR Training School (EGT) = CPR / First Aid, GTM1

Master GSAR Training School (MGT) = CPR / First Aid, GTL
(Must be 16 to attend. Must be 18 to earn CAP-ES specialty)

Basic Field Medic Training School (FM3) = American Red Cross Wilderness First Aid (This is not a CAP ES Specialty.)

Training and Support Staff positions are available:

Currently qualified GTL's whom are interested in serving as an Assistant Training Instructor, please contact the Planning/SET Section Chief; Capt. Jen-Micheal Keupp at ligsarpsc@gmail.com.

Those persons who are interested in serving as support staff positions please contact the Logistics Section Chief, 2d Lt Mike Pannhorst at ligsarlsc@gmail.com

Cadets 14 years and over are welcome to apply as well as Senior Members.

SLOTS ARE LIMITED!

Applications, Online Pre-registration & additional details about this Academy is available at the NYWG SARTAC website: www.nysartac.org

APPLICATIONS ARE DUE POSTMARKED BY 1 FEBRUARY 2012.

Visit our Facebook page at: <http://www.facebook.com/NYSARTAC>. Any additional questions may be directed to SARTAC staff at: SARTACinfo@gmail.com

2012 AEROSPACE EDUCATION DISPLAY CONTEST -- Once again, we expect to have an Aerospace Education Display Contest at the Wing Conference in 2011. The theme will be **“ADAPTING AN AEX PROJECT.”**

We have found that projects from the AEX books can be very useful in attracting visitors to a CAP booth at a county fair, airshow, or other public event. For this purpose, it is not necessary to follow all the instructions in the AEX project. The idea is to have members of the public actually doing the activity under the guidance of Cadets. You could even plan your “display” as something to pack into a car and bring to a school or public library. Both teachers and librarians often like to have such guests with interesting programs to present.

In previous years, the displays could educate the public just by being there. This year, they will have to be manned by people, preferably Cadets, who can show the spectators how to do the project and let them try doing it. If knives or glue are needed, be sure to bring something to protect the table top.

Each Group is entitled to submit one display. It can be designed by a committee of Cadets and Seniors from several units within the Group or by Cadets and Seniors from one of the Squadrons to represent the Group.

Because we do not want nine different versions of the same AEX project to turn up at the conference, we are asking you to let us know what your plans are as soon as you decide what you want to do. Then we will notify the other groups that they can no longer choose that particular project. Send an email to Lt Col Marilyn Rey at reynywg12345@verizon.net

The 2012 Wing Conference is scheduled to be 4-6 May 2011 at Fort William Henry in Lake George, NY.

AFA’s CYBERVILLE LIVE! – The Air Force Association’s Facebook cyber game called “CyberVille” can be found by logging on to

Facebook, and then navigating in a browser to **<http://apps.facebook.com/cyberville/>**. This game uses strategy and a quick hand on the button to repel waves of ugly make-believe cyber attackers who try to hack cell phone systems, bank accounts, and the local electric company. The game does a great job at a concept level of showing how pervasive cyber systems are, and how much is at risk if we don't practice cyber security. CyberVille is also designed to draw a broad audience to this STEM program, as well as offer the opportunity to learn more about CyberPatriot by following a link to the AFA website **www.afa.org**.

FALL STARBASE UPDATE! -- STARBASE Academies Provided Class Sets of CAP AE Materials!- DoD STARBASE Academies across the nation are provided class sets of AE materials that embed a Drug-free Awareness message to all classes attending the academies, courtesy of the CAP AE and Drug Demand Reduction Program. Also, in an effort to perpetuate the STARBASE STEM focus for classes when they return to their schools, the CAP has partnered with STARBASE to provide AE products and programs to the teachers in the school systems near the academy. For more information, contact Susan Mallett @ **smallett@capnhq.gov** and/or check out the STARBASE link at **www.capmembers.com/sb**.

REAPERS OVER FORT DRUM – MQ-9 Reaper remotely-piloted aircraft recently began formal training sorties over New York State, flying from Wheeler-Sack Army Air Field at Fort Drum. Members of the New York Air National Guard's 174th Fighter Wing at Syracuse began Reaper flight operations at Fort Drum after the FAA approved the flights in October. Beginning with the first mid-October sortie, the wing has launched three training sorties a week from Wheeler-Sack, flying orbits over a designated range in the Adirondack Mountains. Air Force officials said that a cadre from the 174th will train other MQ-9 pilots and sensor operators from across the service as well as foreign military personnel.

ACADEMY STEALTH — A twin-engined drone designed by Air Force Academy cadets for fifth-generation stealth aerial target training recently earned the attention of senior Air Force officials. The project was selected as a finalist in an a service wide search for a threat-representative aerial target drone suitable for F-22 and F-35 combat

training. If selected, it will be the first time that an Academy-designed aircraft meant for large scale production will enter the Air Force's fleet. Powered by jet engines from a T-38 Talon, the drone is 40 feet long and has a wing span of 24 feet, the aircraft has been in design since 2003. Recent wind tunnel tests on models indicate positive flight characteristics and confirmed that a full-scale airworthy aircraft could be constructed in two years. Another team, however, is in contention for the same contest. The winner may be announced in January.

CAP PARTNERS WITH FAA -- Civil Air Patrol has established a safety education partnership with the Federal Aviation Administration that will provide CAP members with automatic education credits for completing safety education within the FAA's WINGS Pilot Proficiency Program. The WINGS program objective is to address primary accident-causing issues that plague the general aviation community. The FAA hopes the program will help reduce the number of accidents its sees each year resulting from the same causes. CAP members will benefit from this relationship by receiving credit toward CAP safety education requirements upon completion of FAA-approved courses. The WINGS program -- available to all aviation enthusiasts at www.faasafety.gov -- helps aviators and aviation enthusiasts construct an educational curriculum suitable for their individual flight requirements. It emphasizes flight proficiency by using the FAA's Practical Test Standards. CAP requires all members to complete safety education at set intervals, which has helped improve the organization's overall safety results in air and ground operations. Providing increased awareness through education complements CAP's safety management system. "We are proud of our relationship with the FAA," said CAP National Commander Maj. Gen. Chuck Carr, adding, "recurrent training programs like this one help all pilots reach their highest potential and maintain a high level of safety and proficiency."



NER SAFETY POLICY — The mission is paramount ...and safety is inextricably linked to mission accomplishment. The hallmarks of a World-Class Air Force are discipline, obedience and precise execution. Civil Air Patrol is the volunteer arm of a World-Class Air Force. Discipline includes adherence to standards, regulations, operating handbooks, checklists, and task guides. Safety cannot be bypassed for the sake of convenience. Leaders at every level are charged with enforcing existing standards and ensuring everyone applies sound risk management in instances not specifically covered by directives. Commanders and members alike will be held accountable for compliance.

Leadership...Standards...Accountability

Established in 2006 by Col. Robert Diduch, then Northeast Region Commander and now NHQ Director of Safety, this policy is effective immediately and will continue in effect until further notice. All members must read and understand this policy. It is to be incorporated into all new members' Level 1 training. Also, it must be reviewed with each member when a CAP Vehicle Operator's Permit is issued, and when a CAPF 5 and CAPF 91 checkride is given.

SUBMISSIONS WELCOME – If your squadron has an item of interest for the group newsletter, please e-mail me at flyboy@flmtgif.org. Thanks to the Judy Stone, NHQ CAP Aerospace Education, Col. Jack Ozer, Lt. Col. Diane Wojtowicz, Lt. Col. Terry LeFeber, Lt. Col. Marilyn Rey, Lt. Col. Daniel A. Rogers, Lt. Col. Charlie Jones, Lt. Col. George Fillgrove, Maj. Larry Skerker, Maj. Kevin Berry, Maj. Darren J. Cioffi, and Maj. Ellen Maternowski for contributions to this issue.