

BLAINE AIRPORT PROMOTION GROUP

Taking Your Ambitions Skyward

8891 Airport Road 2C, Blaine, MN 55449

THE EDUCATION COORDINATOR

JUNE 9, 2011

Weather and Aeronautics brings to mind the challenges that face our passion and inspiration for flight. On June 23, 2011 we will be hosting a tour for 183 third grade students and their teachers and field coordinators. Our challenge is to present a series of topics and tours of a number of businesses during a four hour tour. Among the subjects will be visual weather forecasting and electronic measures in predicting weather patterns.

I was reminded of the fact that many of the current professionals in the Aerospace industries today, got their inspiration from watching our astronauts take their first step on the moon. We are bringing our next generation and future Aerospace planners to a new level, where they will see things that are not available to them in the classroom.

On May 27th Pam McDonald from *Independent District 196, Grade 3, Young Scholars*, made a visit to the airfield to get a first hand look at areas that we will be using during the tour on the 23rd. From the results of that visit we will do a final time schedule that will utilize the time available and match the classroom material that the third grade class is currently studying. The events of May 27th also included a tour by students from *Spring Lake Park High School, District 16*. Mary Albright, Test Control Officer for the Civil Air Patrol made presentations to each of the schools represented and Harvey Karth assisted in continuing the tour of the airfield.

We received a request for a tour from Lynn Jaeck, *Discover U, District 11, Middle School*. On July 13, 2011 we will be hosting a tour of 100 7th graders. Work continues on a program that will help make these large group tours manageable and will be based on the number of teachers and available trainers.

Volunteers are needed to fill the roll as trainers. We have asked the Civil Air Patrol to assist with these summer programs as their students are available. A great deal of inspiration has been generated by the businesses that have been able to participate in the tour programs and we continually remind our groups that these are private businesses that open their doors to share in the experience of Aerospace, "The Next Generation."

MYAMERICA

"I feel privileged to have grown up in the United States. We are leaders in the world in many areas of science, engineering and technology.

"I still remember, as a young child, watching as the astronauts took their first steps on our nearest solar-system neighbor, our moon. Although the entire world was inspired at that time, growing up here in the United States provided me with the freedom and opportunity to pursue my dream of becoming an astronaut. I love the United States because of the unique inspiration to try to do something I dreamed of, and the opportunity through the appropriate education and hard work to make my dream a reality."

Peggy Whitson

Chief astronaut, NASA

A native of Mount Ayr, Iowa, Peggy Whitson has logged 377 days in space, the most for any U.S. astronaut. In April 2008, she completed her second six-month tour of duty aboard the International Space Station, as the commander for Expedition 16. She has performed six career spacewalks, adding up to 39 hours and 46 minutes, more than any other woman.

As chief of NASA's Astronaut Corps, Whitson is responsible for the mission-preparation activities of all space shuttle and International Space Station crews and their support personnel. She has received numerous awards, including NASA's Outstanding Leadership Medal and Space Flight Medal.

A POSTER HAS BEEN DESIGNED...

We have had discussions on the subject of placing a message at the entrance of the airfield to give visitors more direction as to what is inside the fence. This is one layout that can be used in print format for a general advertisement that supports all businesses on the field.

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BLAINE AVIATION DAYS DISPLAY...

The display was set up to feature an array of Aeronautical equipment and products to show these advancements in science and technology. Most of the products were put on display for us by, R.C. Avionics. Greg Herrick provided the booth structure and the hanger space.

An airflow display was developed to demonstrate lift and airflow influence on an airborne body. This received a lot of attention from the younger visitors to the booth.

This type of display is just what we have in mind for presentations to the K--6 students that are receiving Aerospace instruction in their classroom.



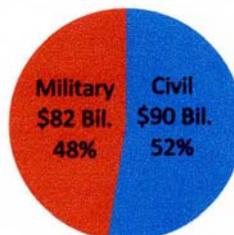
SCHOOL COUNSELOR OF THE YEAR...

Spring Lake Park High School Counselor, Brooke Magid Hart received the award at the annual Minnesota School Counselors Association Conference on May 1, 2011. The (MSCA) vision is to promote excellence by providing leadership, advocacy, support, and resources to instill student success in school, home, and globally.



ANALYSIS OF THE U.S. AEROSPACE INDUSTRIES...

The most recent data on the output of aerospace products is for the year 2009. The charts are reprinted here from a March 2011 analysis to give an indicator of where we are in terms of dollars generated in the various Civil Aerospace industry sectors. Demands for products in the Civil Aviation segment seems to be emerging as a major contributor toward the growth of the industry.



Estimated U.S. Production of Civil Aerospace Products in 2009 (Billions of Dollars)

