

BLAINE AIRPORT PROMOTION GROUP

www.aneairport.org

TAKING YOUR AMBITIONS SKYWARD
8891 Airport Road C-2, Blaine MN. 55449



THE EDUCATION COORDINATOR FEBRUARY 14, 2013

BLACK, the color of space and fashion. The black color has been used in art compositions found in caves that were



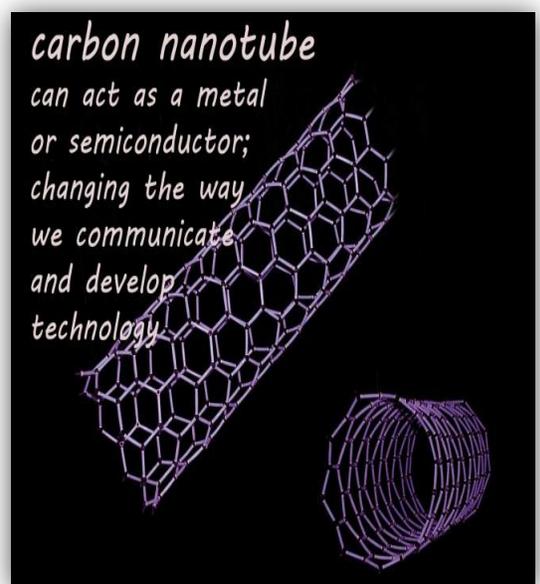
created using charcoal, and vivid black pigments created by using burned bones of animals. Later the black-pigment was incorporated into designs on pottery. Black was the most important color by ancient artists, and craftsmen. Social hierarchy was greatly influenced by what was worn and black symbolized both power and secrecy. Obtaining quality black pigments became the essential element during the 15th century (1401-1500) because of an invention designed by Johannes Gutenberg in 1440. Gutenberg developed a printing system by using existing technologies and making inventions of his own. Before Gutenberg's invention would eventually introduce the era of mass communication that permanently altered the structure of society, a new black ink had to be formulated. Early formulas of ink that worked with pen or quill is absorbed into the paper and is not stable to hold its shape and will become smeared. Over the centuries inks required using a vast range of pigment and color and have been formulated for a variety of applications. The ink produced for the Gutenberg invention required a formula using soot, turpentine, and walnut oil. Ink is a very complex compound of elements including solvents, pigments, resins, and a number of colorants, and other additives that control flow and thickness of the ink and its appearance when the ink is dry.

The search for black pigments used in the arts, industrial applications, and in aerospace, continue to change the way we communicate with all forms of wireless tools that we use every day.

In physics, a black object is a perfect absorber of light. By thermodynamic rule, black surfaces can act as thermal collectors, absorbing light and generating heat. Designers of early aircraft engines used black that both absorb and then deflect heat from the cylinders of the engine as a primary coolant for the engine.



On January 16, 2008, researchers at Rensselaer Polytechnic Institute, Troy NY, announced the creation of the darkest material on the planet. This dark material was created by the structured arrangement of extremely thin cylinders of carbon atoms called nanotubes. It was reported that the material absorbs light but reflect very little light in comparison to the current standards for blackness. Nanotubes are extremely strong materials and have good thermal conductivity. The implications are for greater miniaturization of electronic devices, medical, and aerospace technologies.



Discover Aviation Days



The Anoka County Blaine Airport annual DAD and fly-in events are being planned by a team of volunteers from our airport and surrounding community. The Mission Statement has been established to promote the Anoka County airport (ANE) and educate people on the economic benefits of having a general aviation airport in their community. The team envisions the mailing of 40,000 announcements and invitations and set a goal of attracting 15,000 attendees over the two day event that will feature educational and Wings training events.

The team has worked hard to grow the event and educate the local community and to build interest in general aviation and promote careers in aerospace industries. To meet the goals of the team, more volunteers are needed so please consider planning a few hours and join the team for this high point of our airport experience.



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The Blaine Airport Promotion Group is hosting workshops for the local schools this year that will feature weather and general aviation programs. An estimated 300 students plan on making the airport a destination over the next three months to study the function of the airport and experience a hands on dimension that they would not have available in the class room.



A new subject has been added to our web page to supplement teachers and students. The new EDUCATION section will provide stories and lessons related to history of developments in aviation and practical lessons in general aviation.

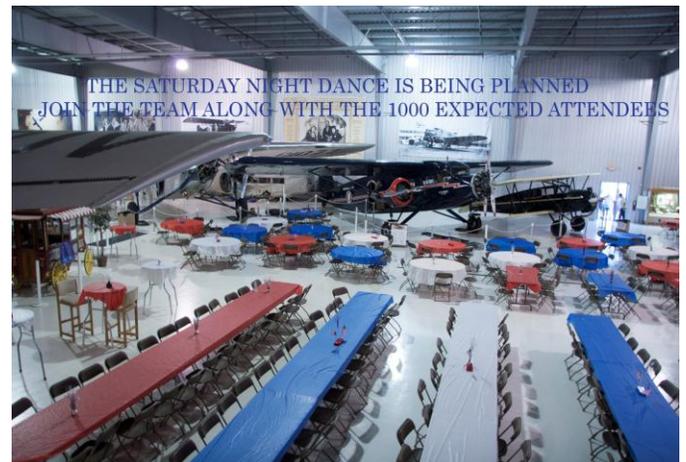
Volunteers are always welcome to join the BAPG team and share experiences in aviation and mechanical skills along with student cadets of the Civil Air Patrol and other instructors that enjoy the opportunity to make a difference in the life of K-12 students that make their first ever trip to an airport and return to their school with a new outlook on their studies.

CONTACT: www.discoveraviationdays.org

Volunteer

Donate

Exhibit your plane or your business



JUNE 1st & 2nd, 2013 @ ANE
Come to the Airport and Discover Aviation