

The Mulvaney Pipeline



The Concorde ..an Engineering Wonder

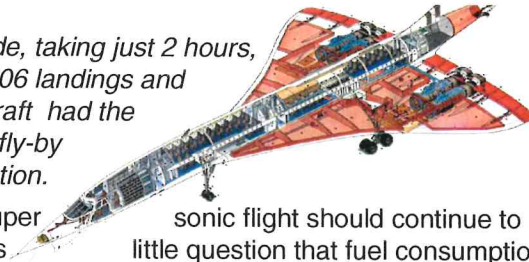
Even today, 32 years after the start of Concorde's commercial service, she remains the fastest and the highest-flying airliner in existence. The development of the Concorde began in the early 1960's and officially concluded with her entry into service in 1976. Her cruising altitude is 60,000 feet, her top speed is Mach 2.04, and due to friction heating, the Concorde expands approximately eight inches during flight.

The specific aircraft located at the Intrepid Sea, Air & Space Museum in New York City was registered under designation G-BOAD and is commonly referred to as "Alpha Delta." This aircraft itself has a very interesting history.

On February 7, 1996, "Alpha Delta" made the fastest Atlantic crossing of a Concorde, taking just 2 hours, 52 minutes, and 59 seconds. During her career, G-BOAD flew 23,397 hours, made 8,406 landings and underwent 7,010 supersonic cycles. More recently, on June 4, 2002 this particular aircraft had the distinction of participating in the commemorative fly-by during Queen Elizabeth's Golden Jubilee celebration.



Although there are many who believe that supersonic flight should continue to be a part of commercial passenger aviation, there is little question that fuel consumption and current maintenance cost factors have rendered this option as not feasible. The Intrepid Air and Space Museum continues to be a fascinating "walk through history" but the addition of the G-BOAD Concorde is something you should not miss seeing in person.



WHAT'S GOIN' ON?

- Jun 4th - 9th - 2006 NFPA World Safety Conference & Expo
Orlando, FL
- Jun 24th - 27th - BOMA Annual Conference & Expo
Dallas, TX
- Sep 7th - 11th AFSA Annual Convention
Fort Worth, TX
- Oct 8th - 10th IFMA World Place 2006
San Diego, CA
- Oct 10th-11th ANSI 2006 Conference
Washington, DC
- Oct 25th - 27th NAEM 2006 Mgt Forum
Savannah GA

Thoughts passed on BY GEORGE!

- When I die, I want to die like my grandfather--who died peacefully in his sleep. Not screaming like all the passengers in his car."
- If Fed Ex and UPS were to merge, would they call it Fed UP?
- Why do people point to their wrist when asking for the time, but don't point to their butt when they ask where the bathroom is?
- Why do people who know the least know it the loudest?
- Give a man a fish and he will eat for a day. Teach him how to fish and he will sit in a boat all day and drink beer
- What hair color do they put on the driver's licenses of bald men?
- "After I'm dead I'd rather have people ask why I have no monument than why I have one."
- "I believe the only time the world beats a path to my door is when I'm in the bathroom.
- How come you never hear about grunted employees?
- If you ate both pasta and antipasta, would you still be hungry?
- Would a fly without wings be called a walk?
- If man evolved from monkeys and apes, why do we still have monkeys and apes?
- Is there another word for synonym?
- If you try to fail and you succeed, which have you done?

You could WIN a special issue Antiqued Leather Aviator Jacket

Unscramble the following letters to spell the correct name, phrase or word and you could WIN a signature Leather Aviator Jacket

C U S N L A E M

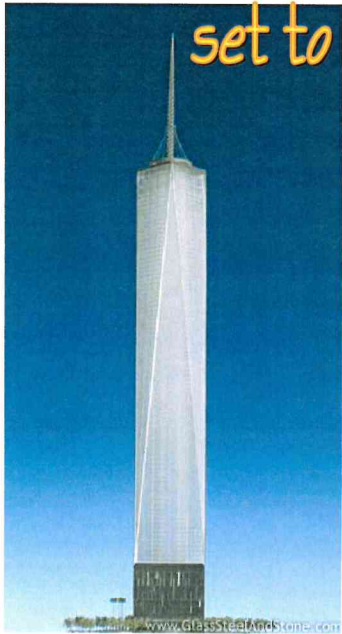
E-mail or FAX your answer to our office. If more than one correct answer is received, a winner will be selected at random. If you e-mail your entry, you must write "NEWSLETTER CONTEST" in the subject line to avoid our SPAM filter. Please mail to janette@mulvaneyinc.com
The answer to the Jumble from last time was "Osama Bin Laden". The following seven people submitted the correct answer.



- | | |
|--------------------|------------------------------------|
| Kay Balun | Biodel, Inc. |
| Al Dettenrieder | West Wind Associates |
| Christine Moreschi | PMCA Hudson Valley |
| David Rhodes | Biodel, Inc. |
| Carol Sapienza | Sapienza & Lessig |
| Allan Wolfe | Flagship Converters |
| Beck Swanson | Charles Beckman Swanson Architects |

THE FREEDOM TOWER

set to recapture the New York skyline



When completed, the new Freedom Tower will be one of the most important buildings of the early 21st century. It is significant in stature, in design, in its politics, its symbolism, and for the reason it was built. As it grows from the ashes of the World Trade Center, the Freedom Tower will pay homage to the twin towers in several ways. The base of the Freedom Tower will be 200 feet square -- the same footprint as the original towers. The observation deck will be at 1,362 feet: the height of World Trade Center Tower Two. The glass parapet will be at 1,368 feet: the height of World Trade Center Tower One.

The overall height of the structure at 1,776 feet from ground level is far from a coincidence, but more an affirmation of our independence as a nation and the tallest building in the world. The Sears Tower in Chicago at 1,450 feet held that record for 24 years from 1974 till 1998, when the Petronas Towers in Kuala Lumpur, Malaysia at 1483 feet high, took the record. In 2004 the new Taipei 101 Tower in Taiwan assumed the record at 1671 feet. When completed the new Freedom Tower will exceed the current record holder by 105 feet. The cost of building and holding the record tallest building does not come cheap. The current expected cost of building the new tower, including many state of the art engineering safeguards is expected to be in excess of 2 billion dollars and will be completed sometime in 2011.

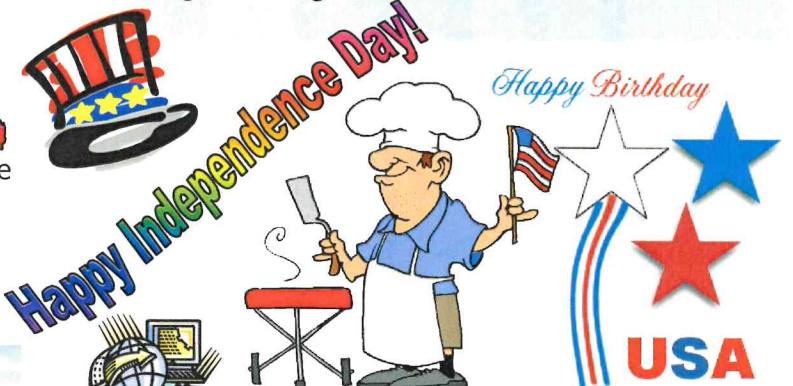
There are many conflicting thoughts and feelings regarding this new structure. Regardless of how you feel with regard to this new engineering challenge, construction techniques, new innovations and inspired designs are certain to interest even the most casual observer.

USS NEW YORK IS RISING FROM THE ASHES AS...

twenty-one tons of steel taken from the World Trade Center wreckage is being used in the construction of a new class of warship. The USS New York LPD-21 is the first of a nine-vessel fleet of new amphibious transport ships. The ship incorporates state of the art design and engineering concepts and will be equipped with helicopters, landing craft, amphibious vehicles and missile launchers. The New York will carry a crew of over 1,000 including 360 sailors in the ship's company and 700 assault Marines for deployment..

After a brief ceremony conducted in 2003, about seven tons of steel were melted down and poured into a cast to make the bow section of the ship's hull. Ship workers have jumped at the chance to be a part of this project, with some even putting off long awaited retirement just to be a part of "History in the making". The ship is being built by Northrop Grumman on the banks of the Mississippi in New Orleans. It is fitting that this vessel becomes the proud icon of recuperation from two of the most devastating disasters of the 21st century.

Later vessels in its class will include USS Arlington named after the section of the Pentagon that was also hit by an airliner on September 11 -- and USS Somerset, in memory of United Flight 93, which crashed in a field in Somerset County, Pennsylvania.



Mulvaney
MECHANICAL, INC.
MECHANICAL CONTRACTORS

4 Christopher Columbus Avenue
Danbury, Connecticut 06810
203-797-8005 - 845-278-8813
FAX 203-794-1786

E-mail mulvaney@mulvaneyinc.com