

News & Views: Aerospace & Defense

An Informational Resource

Aerospace and Defense Industries to be Profiled

CNBC viewers will get a behind-the-scenes look at America's aerospace and defense industries this fall when a three-part documentary series airs on the cable channel.

The informative programs are being created by the business program producer DMG productions.

According to the series producer Vince Moss, it will answer questions about why these industries represent key elements of

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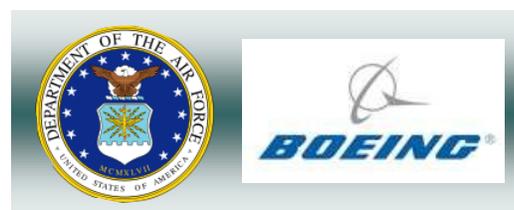
Military Contracts: A Big Win & More

Boeing Wins Air Force's Tanker Contract

After much consideration, Boeing won the \$35 billion Air Force contract to replace its fleet of mid-air refueling tankers, beating out European Aeronautic Defense and Space Co. (EADS). Boeing will deliver 18 of 179 tankers by 2017—the first will fly in 2015 and will be called the KC-46A. Price, war-fighting capabilities and life-cycle costs were the deciding factors. Boeing's tanker is based on its 767 commercial aircraft, giving new life to a program that has been suffering in recent years.

As a result, some 50,000 jobs are being created in the U.S. at Boeing and its 80 suppliers in 40 states. A one-percent price difference between the two bidders made the winning difference. Boeing's final price had to be reviewed by its board of directors before it was submitted because it was so competitive.

In addition to the development and



production costs, the Air Force also considered the costs to maintain and operate the aircraft over a 40-year life cycle. The fact that Boeing's tanker burns 24-percent less fuel than the EADS Airbus plane was also a key factor.

The bidding however is not over because two follow-on contracts for tankers, beyond the initial 179, are pending—so stay tuned.

JCREW Proposals Requested by Navy

The effort to better detect and defeat roadside bombs that have killed and maimed

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Aerospace and Defense Leaders are Honored

Dozens of extraordinary individuals and teams were recognized in March for their exploration, innovation and vision in the aerospace and defense (A&D) industry. The recipients of the Laureate Awards, presented by Aviation Week, were honored for evolving their organizations, integrating new technologies, and inspiring others to foster needed change in the industry.

Inspiring Accomplishments

Developing an unmanned, hypersonic vehicle with a scramjet engine capable of controlled flight for a substantial amount of time and distance,

Expanding the Corporate Angel Network, arranging free flights for 35,000 cancer patients,

Leading Flybe, an independent airline, to become one of Europe's largest and most profitable carriers,

Ohio's Aerospace Heritage

With over 1,000 companies employing over 100,000 workers, two federal laboratories, a network of higher education institutions and many nonprofit organizations comprising Ohio's vibrant aerospace industry, the buckeye state had good reason to celebrate its third annual Aerospace Day in March.

Ohio is the nation's

leader in advanced propulsion and power technology, a legacy started with the Wright Brothers.

Ohio has nurtured the aerospace industry by providing a business-friendly climate, a deep industry knowledge base, a well-educated workforce, dedicated universities and research institutions, and a strong supply chain that gets products

to market.



Ohio is constantly working to protect and grow jobs in the aerospace industry; the Ohio Aerospace Institute, a nonprofit organization

dedicated to building Ohio's aerospace economy, helps businesses manufacture and deliver their parts and supplies in the most cost-efficient and time-effective ways.

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Fielding the Guardian Maritime Unmanned Aircraft System, the first air vehicle system dedicated to maritime homeland security and counter-narcotics missions,

Creating "Auto GCAS" to predict and avoid ground collisions if pilots become disoriented or unconscious—a system projected to save 247 lives and \$12.7 billion over the next 25 years,

Leading the Apache Performance-Based Logistics Program, which achieved 95-percent material availability, increased flight hours by 20-percent, and resulted in continuous cost reduction,

Helping make radar imagery an essential element of geospatial information packages for government, defense and enterprise applications,

Improving the public perception of scientists, mathematicians and engineers, as well as Boeing's outreach to students through internships, university programs and social media,

Making significant improvements to unmanned aerial vehicles (UAVs),

Rescuing three Spanish climbers on Nepal's Mount Annapurna—the highest-altitude long-line aerial rescue in history.

(Continued from page 1 - JCREW Proposals)

U.S. and allied troops in Iraq and other warzones is moving ahead with a request for proposals from the U.S. Office of Naval Research (ONR). Aerospace and defense industry contractors have until July 15 to submit their proposals for improving Joint Counter Radio Controlled Improvised Explosive Device Electronic Warfare (JCREW) technologies. But before submitting a proposal, a contractor must first email its white paper on JCREW by May 16 to:

312_EC@onr.navy.mil

The mailing address for the proposal is:

Office of Naval Research
Attn: Mr. David Tremper
ONR Department Code 312
875 North Randolph St. -
Suite 1125
Arlington, VA 22203-1995

The proposal asks for new ideas and technologies that improve next-generation JCREW equipment, including hardware, software, techniques, or technology developments.

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our economy and our nation's future.

The series is aimed at educating a public that knows very little about the many important aspects of these global industries. Viewers will learn about the roles they play in our society as well as all the latest advancements and innovations in aerospace and defense that have been developed in recent years.

The subject will be covered from many perspectives so that viewers will have an unbiased view about what these industries mean to America. The dates and times have not yet been determined.



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