



Air Force Association **Technology**

The latest and best in aerospace technology was on display at AFA's annual showcase.



[1] Visitors were greeted by a menacing model of a Boeing F-15E, bristling with air-to-air missiles, small diameter bombs, and targeting pods. [2] At the Raytheon booth, hands-on displays showed battle management concepts. [3] and [4] Boeing's next generation airlifter concepts feature a common fuselage with a variety of wing and propulsion ideas, including vertical takeoff/landing and conventional layouts. [5] Raytheon's presentation showed off a laser guided bomb, Maverick missile, and an AM-RAAM radar missile. [6] The fan assembly of the C-17's F117 engine. [7] The Pratt & Whitney logo inside a full-scale mock-up of the F135 engine that powers the Lightning II stealth fighter.



Exposition 2008

Photos by Guy Aceto



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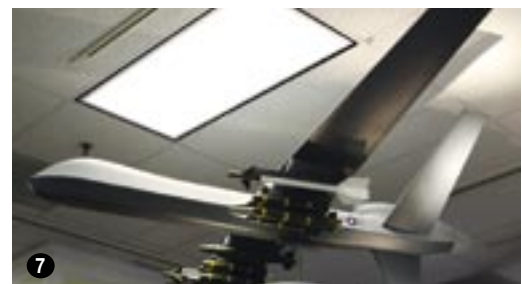
[1] A full-scale mock-up of the Lockheed Martin HH-71 entry in the CSAR-X search and rescue helicopter contest. [2] Boeing's HH-47 CSAR-X full-size mock-up, complete with "rescued airman," was also available for inspection. [3] Air Force Special Operations Command is interested in a gunship variant of the C-27J Joint Cargo Aircraft. L-3 obliged with this model of its notional AC-27J Stinger II. [4], [5], and [6] In cutaway model form, the Lockheed Martin HH-71, the Boeing HH-47, and the Sikorsky HH-92 CSAR-X competitors. All three would be larger, more powerful, and more heavily armed than the HH-60 Pave Hawk USAF seeks to replace.



[1] MBDA's booth featured a large F-35 model launching an ASRAAM. **[2]** (L-r) Air Force Secretary Michael Donley, Chief of Staff Gen. Norton Schwartz, and Gordon England, deputy secretary of defense, tour the exhibit hall. **[3]** SrA. Adrianna Valenti (l) and A1C Lanita Williams of the 36th Intelligence Squadron at Langley AFB, Va., take in the state-of-the-art exhibits.



[4] SSgt. Christopher Bounds, an Air Force Special Operations Command security forces airman, explains the DAGRE program's functions to CMSgt. Richard Small. Deployed Aircraft Ground Response Element airmen provide a range of classified services in hostile or austere areas. **[5]** The HH-71 mock-up's window-mounted gun gave a realistic edge to the exhibit. **[6]** Maj. Jason Koler gets briefed on flat panel displays at the Raytheon booth. **[7]** A heavily armed model of an MQ-9 Reaper unmanned combat aircraft, made by General Atomics Aeronautical Systems, seemingly soars over the exhibit hall.





[1] Northrop Grumman offered a 3-D display of its 2018 bomber concept's lineage. **[2]** Lt. Cmdr. Josh Keever, a student at Air Command and Staff College, checks out SAIC's reconfigurable cockpit trainer. **[3]** Textron Systems exhibited an M1117 Guardian, an armored security vehicle. This particular vehicle had just come off the battlefield in Iraq. **[4]** Emily Taylor-Norris of the AFSO21 initiative office talks with Gen. Norton Schwartz prior to the Anniversary Dinner.



[5] An intertwined F-22 and F-35 form the centerpiece of Lockheed Martin's booth, underscoring USAF's stated position that both are needed. **[6]** A KC-30 tanker with boom and drogues deployed

sails through the European Aeronautic Defense and Space-North America booth, underscoring USAF's stated position that both are needed. The hard-fought tanker contest had been terminated a few days before the conference. ■