

# Aerospace Technology Exposition



Photography by Guy Aceto, Art Director, and Paul Kennedy



*The Aerospace Technology Exposition at AFA's 2003 National Convention featured more than 100 exhibitors. At left, SSgt. Brad Giese and 1st Lt. Chad Little demonstrate some of the latest technology used by one exhibitor, the Air Force Weather Agency. Some visitors checked in daily to track Hurricane Isabel's progress (below).*



*Boeing's model of the E-10A Multisensor Command and Control Aircraft served to emphasize not only the importance of C2ISR but also the integration of systems and platforms.*



*The exhibit by Saab brought a little of the flight line indoors with this full-scale mock-up of its Gripen fighter. The booth was popular with exposition visitors from foreign countries.*

*Below, aircraft models illustrate how far we have come since the Wright brothers' 1903 Flyer.*



Staff photos by Guy Aceto



*The Air Force Research Laboratory's Propulsion Directorate, from Edwards AFB, Calif., showed off an engine involved in hypersonic testing and a model of a craft that would benefit from such technology. Hypersonics research at AFRL could yield breakthroughs in responsiveness, reach, and range.*

*At the GE display, several visitors receive a quick overview on the latest in aircraft engines.*



**A representative from Pratt & Whitney talks to visitors about the F135 propulsion system. P&W is the prime contractor for the engine, to be used on the Joint Strike Fighter.**



**CMSAF Gerald Murray (left) was among the many VIP visitors at the exposition.**

**Below, USAF's new battle dress uniform attracts attention. The BDU begins a six-month wear test in January.**



**Lockheed Martin's exhibit highlighted the success of its F/A-22 fighter, the Air Force's top weapon priority. The Raptor is scheduled to achieve initial operational capability in 2005. In remarks at the convention, Gen. John Jumper, Chief of Staff, said, "This is going to be the most amazing air machine that has ever been developed."**



*Munitions such as the Sensor Fuzed Weapon at right and precision weapons were the topic of a lot of conversations, given their high profile in recent operations.*

*Below, a 500-pound laser guided bomb, an AGM-65 Maverick, and a Joint Air-to-Surface Standoff Missile are suspended over Raytheon's exhibit space.*



*Below, Walter Smith and Harold Harris, vice president for government relations and veterans affairs at the Thomas W. Anthony Chapter (Md.), chat with an exhibitor.*



*A "web of light" at Northrop Grumman's exhibit illustrates the concept of a tight network of constantly updated information that is key to the Air Force's success in combat operations.*

