

## **F/A-22 Program Acquisition Decision Information Paper**

- The Defense Acquisition Board (DAB) met on March 27, 2003, to follow up on the actions from the December 2002 DAB and to consider the Air Force's request for authority to award the contract for Lot 3 procurement. The findings of the DAB were as follows:
  - The test program continues to make progress;
  - The aircraft continues to exceed its performance objectives in almost all categories; however,
    - the avionics system in the aircraft continues to experience reliability (startup probability) and stability (shut down) problems measured as "run time;" nonetheless, when working, software functionality is meeting specifications.
- Accordingly, the DAB made the following decisions and/or provided the following direction with regard to the F/A-22 program:
  - Authorized award of the Lot 3 contract.
  - Defined the F/A-22 program as production through Spiral 3B for the enhanced air-to-ground mission, including radar, air-to-ground targeting, and Small Diameter Bomb carriage capability.
  - Directed the Air Force to ensure the program is fully funded, including Operations and Support costs, in its Fiscal Year 2005 budget cycle.
  - Provided for the DAB to meet again in the summer of 2003 to review progress and plans concerning avionics development and software stability.
  - Deferred approval of proposed exit criteria for award of the Lot 4 contract until a meaningful metric for avionics stability is established.
  - Directed the test communities, the Director of Defense Research and Engineering, and the Air Force to propose a measure of stability appropriate for Lot 4 exit criteria and a measure for entry into Dedicated Initial Operational Test and Evaluation.

- Directed the Air Force to work with the Joint Staff to transition to a C-17-based Airlift Support Loads key performance parameter.
- Directed the Air Force to consider acceleration of the Automatic Ground Collision Avoidance System in its review of its long-term modernization plan.
- Directed the Air Force to define options in the event software stability does not improve to an acceptable level.