

## Transmittal No. 04-01

**Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act**

**Annex  
Item No. vii**

**(vii) Sensitivity of Technology:**

1. The F-16A Block 15 Air Defense Fighter and F-16B Block 10 Operational Capability Upgrade aircraft and Pratt and Whitney F-100-PW-220 engine are all unclassified. The aircraft does not contain "cutting edge" technology.

2. The F-100 engine and the associated component parts used in F-16A/B aircraft are unclassified. However, several manufacturing processes, design practices, and metallurgical fabrication techniques used are advanced technology methods found only with the U.S. propulsion industry. The sale of F-100 engines to Czech Republic will not include the transfer of sensitive technology as the sale does not include sensitive manufacturing, design, or metallurgical processes or information.

3. The AIM-120C Advanced Medium Range Air-to-Air Missile (AMRAAM) is a new generation air-to-air missile. The AIM-120C AMRAAM hardware, including the missile guidance section, is classified Confidential. State-of-the-art technology is used in the missile to provide it with unique beyond-visual-range capability. Significant AIM-120C features include a target detection device with embedded electronic counter-countermeasures, an electronics unit within the guidance section that performs all radar signal processing, mid-course and terminal guidance, flight control, target detection and warhead burst point determination.

4. If a technologically advanced adversary were to obtain knowledge of the above systems, such knowledge could be used in an attempt to develop component countermeasures or systems with similar or advanced capabilities.

5. A determination has been made that Czech Republic can provide essentially the same degree of protection for the sensitive technology being released as the U.S. Government. This proposed sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.