



07-FYI-0101

27 September 2007

MDA Response to "Physicists Challenge U.S. Missile Claims"

The Missile Defense Agency is encouraged by Dr. Theodore Postol's recent characterization which implies an effective missile defense against very advanced weapons. However, MDA stands by its figures, which are real, not hypothetical and are derived from actual hardware and software performance data from actual flight tests. Dr. Postol's calculations are overly optimistic and do not accurately reflect detection, tracking and fire control solution times; acceleration profiles from our flight tests, with actual payload weights and propellant performance; minimum delta velocities required to destroy the targets; and what we know about Russian Intercontinental Ballistic Missiles (ICBMs).