system integration of the avionics and to allow the airframe contractors to accommodate their designs to the engine developments.

The $8 million requested for "Advanced filaments and composites" will support further work in developing new high strength, lightweight materials for use in aerospace structural and propulsion systems.

The next item, "Advanced ICBM technology," has now been reoriented from a "general" technology effort to the specific support of projects most likely to aid in the selection of subsystems for the possible new ICBM discussed earlier.

No additional funding in fiscal year 1968 is requested for the next item, "Stellar inertial guidance." The Pace II, a highly precise inertial navigator developed with prior year funds, is now in its evaluation phase which is expected to extend into fiscal year 1968. After review of these test results, future followup efforts will be determined.

A number of the other Air Force advanced development items are space projects which I discussed earlier.

ENGINEERING DEVELOPMENT

This category includes those projects being engineered for service use, but which have not yet been approved for production and deployment.

Army

A total of $422 million has been included in the fiscal year 1968 budget to continue development of the Nike–X on a high priority basis, as discussed in Strategic Forces section of this statement.

One of the Army's major research and development program objectives is to have a number of ground force weapon systems in various stages of development at all times. The next item, "Firepower other than missiles," for which $49 million is requested, constitutes the bulk of the Army's effort in this area and is divided into three main categories: "Individual and supporting weapons"; "field artillery weapons, munitions and equipment"; and "nuclear munitions."

The largest project in the first category is the medium antitank weapon (MAAW), a shoulder-fired 14.5-pound missile (28 pounds including launcher) with a shaped charge warhead. Other projects in the individual and supporting weapons category include a series of new ordnance signaling devices which are being engineered in response to southeast Asia requirements and a new vehicle rapid fire weapon system, to replace the cal. 50 machine gun and the interim HS–820 20 mm. cannon.

The "Field artillery weapons, munitions, and equipment" category encompasses the development of sophisticated conventional munitions and the resolution of ammunition problems associated with southeast Asia.

The "Nuclear munitions" category covers the development of Army supplied components for nuclear projectiles and atomic demolition munitions. Present efforts are being directed toward an advanced firing device for demolition munitions, and fuzes and cases for an improved 155 mm. artillery round.