

The "Aircraft suppressive fire support system" project, for which \$14 million is requested in fiscal year 1968 is concerned with the development and adaptation of weapon subsystem for Army aircraft.

"Other airmobility projects," for which \$6 million is requested, includes work on aircraft engines, lightweight aircraft armor, and aerial delivery equipment.

The next item, \$9 million for "Surface mobility," comprises three efforts: "wheeled vehicles," "tracked special vehicles," and "marine craft." The major project in the first category will be the initiation of engineering development for the new 1¼-ton XM-705 truck as an ultimate replacement for the current M-37 truck in rear areas. The major project in the second category will be a new armored reconnaissance vehicle capable of operations in adverse terrain and the "mechanized infantry combat vehicle-70," a replacement for the current personnel carrier. The third category includes work on shallow draft boats, a beach discharge lighter, etc.

The \$14 million for "Combat surveillance and target acquisition" provides for a number of projects. The largest is the TACFIRE system in which automatic data processing and display techniques will be used to improve the accuracy, response time and overall effectiveness of field artillery firepower. Contract definition will begin this year, with initiation of engineering development scheduled to take place next fall. Other projects include: improved sensors for the detection and location of enemy personnel, vehicles and weapons on the battlefield; airborne sensors for visual target location; a forward-looking infrared set for helicopters; image interpretation and photo processing equipment, etc.

The \$21 million for "Communications and electronics" provides for a broad based program to improve the Army's communication, avionics and electronic warfare equipment.

Navy

The first item on the Navy's list of engineering developments is the "Medium range air-to-surface missile (Condor)".

The funds requested for the "Advanced Sparrow" will substantially complete this development.

The next item, "Three-T systems improvements," consists of the engineering work necessary to support the updating of the three-T missiles (Tartar, Terrier, Talos) through the development of replacement components designed to increase the performance of these systems. The \$7 million requested for fiscal year 1968 will support development of improved components for the Talos system's radar.

The \$8 million requested for "Unguided/conventional air launched weapons" will support engineering development of a number of munitions projects: Snakeye II, a second generation retarded bomb; Fireye, an improved fire bomb using new napalm mixes and improved igniters; a hypervelocity tactical aerial rocket; an improved 20 mm. general purpose projectile, etc.

The next item for which we are requesting funds in fiscal year 1968, "Multimission tactical fighter (VFAX)," is for concept formulation of an advanced fighter aircraft. Since both the Navy and the Air Force may require such a fighter, we are examining the feasibility of a joint development program. Both services would use a power plant employing the lift/cruise engine technology.