

option. The major remaining task is to integrate into a working model a number of components, the feasibility of which has already been verified on an individual basis. The SAM-D program is closely related to the Navy's advanced surface-to-air missile system program and the development of the respective subsystems and components is being fully coordinated by the two Services.

The \$6 million of "DOD satellite communication, ground" covers the Army's portion of the Defense satellite communications programs, which were discussed earlier.

The \$20 million requested for "Nike-X advanced developments" will finance development of those advanced components whose lead times would not permit their incorporation in an early deployment of the system. This work fills the gap between the engineering development effort and the development of completely new hardware for possible use later.

The \$5 million requested for "antitank weapons" will provide for the evaluation of new antitank missile concepts. Present efforts are directed toward identifying those system characteristics which together seem to offer the best chance of achieving an effective low cost antitank weapon.

The funds requested for the "lightweight howitzer" will support the development of a 155 mm. self-propelled weapon. Development of the system is being coordinated within NATO, with the United States, France, Germany, and Canada all participating in designing the ammunition.

The "Limited War Laboratory," for which \$7 million is requested in fiscal year 1968, is the Army's quick reaction research and development facility for counterinsurgency operations.

The "therapeutic developments" program was initiated in calendar year 1965 in response to the drug-resistant falciparum malaria which was causing such a serious problem for our forces in southeast Asia. The \$11 million requested will continue the development and testing of new anti-malarial drugs.

The next item, \$12 million for "Power system converters," consists of four major categories of projects directed toward the development of engines, transmissions, final drives, and related components for combat and tactical vehicles. These categories are: power conversion for track and wheel vehicles; multifuel, variable compression engines; spark ignition engines; and rotary combined cycle power systems.

The funding requested for "Night vision" reflects the increasing importance of night operations in modern warfare. Among the many types of equipment now under development are starlight scopes, small portable radars and special goggles.

The last item on the Army's list, "Airborne surveillance and target acquisition," is also in large part concerned with the problems of night operations. One of the major efforts in this program is aimed at providing a better night reconnaissance capability.

Navy

The first item on the Navy's list, "V/STOL development," represents the Navy's current participation in the triservice V/STOL program previously described.

The next item, "Airborne electronic warfare equipment," for which funds are requested, is a multiproject effort aimed at developing