

Weapons, whether for use in ships, tanks or aircraft, are separately procured and separately reported.

Contracts for all other types of equipment and parts, and for repair, maintenance, overhaul, modification and other services, which can be identified with one of the specified program categories, are assigned to that category. For example, the installation or checkout of equipment at ballistic missile sites is recorded as missile work in the State where the site is located. (The contract for manufacture of such equipment is reported according to the location of the manufacturer's plant.) Aircraft, missile, or other program contracts, therefore, may be reported in States where there are no weapon assembly plants, but where bases, laboratories, or suppliers of instruments, parts, or support equipment may be located.

The dollar volume shown for each category includes research, development, test, or evaluation (R.D.T. & E.) work associated with it. The scope of R.D.T. & E. includes the following activities:

*Research.*—All effort directed toward increased knowledge of natural phenomena and solution of problems in the various sciences, but exclusive of efforts directed to prove the feasibility of solutions of problems of immediate military importance or time-oriented investigations and developments. This work is done primarily by universities with some by in-house laboratories and industry.

*Exploratory development.*—Effort directed toward the solution of specific military problems short of major development projects. This may vary from time-oriented applied research to advanced breadboard hardware, study, programing, and planning efforts. It is pointed toward specific military problem areas with a view toward developing possible solutions and determining their characteristics. This work is widely distributed to in-house laboratories and industry, with some to universities.

*Advanced development.*—All projects which have moved into the development of hardware for experimental or engineering test.

*Engineering development.*—Development programs being engineered for service use but not yet approved for procurement or operation. This work is done principally by industry.

*Operational systems development.*—Effort directed toward development, engineering, and test of systems which have been approved for production and service employment, but otherwise having the same characteristics as engineering development programs.

*Management and support.*—Effort in support of installations or operations required for general research and development use, such as test ranges and maintenance support of laboratories.