

MANNED SPACE FLIGHT
RESEARCH AND DEVELOPMENT
ENGINE DEVELOPMENT & MISSION SUPPORT
FY 1968 BUDGET ESTIMATES
 (MILLIONS OF DOLLARS)

	FY 1966	FY 1967	FY 1968
ENGINE DEVELOPMENT	\$ 133.2	\$ 49.8	\$ 24.5
MISSION SUPPORT	\$ 164.3	\$ 243.9	\$ 281.0
OPERATIONS	112.9	196.9	229.0
SYSTEMS ENGINEERING	20.0	20.0	20.0
SUPPORTING DEVELOPMENT	31.4	27.0	32.0

NASA HQ MP67-5439
1-15-67

FIGURE 38

qualified. Upon completion of engine qualification, funding of contractor effort was transferred to the respective engine account of the Saturn launch vehicles.

The fiscal year 1968 funds requested will provide for Government-furnished propellants, reimbursement to the Department of Defense for contract administration and quality assurance services, and a continuing program of evaluation and analysis of engine hardware. The major activity in this area is the J-2 engine environmental test program conducted at the Air Force Arnold Engineering Development Center, Tullahoma, Tenn.

Mission support requirements for fiscal year 1968 are \$281.0 million and reflect the increasing tempo of flight activity, since this line item provides for the overall launch, flight, crew and recovery operations; programwide systems engineering; and supporting development necessary for the successful accomplishment of manned space flights.

The operations area accounts for the major share—\$229.0 million, and includes activities at the Kennedy Space Center and the Manned Spacecraft Center that support the launch, flight, and recovery phases of Apollo missions. For Kennedy, it includes the operation of check-out, launch, and instrumentation facilities; contractor services; equipment and supplies; and reimbursement for services provided by the Air Force. At Houston, it includes mission control for Apollo flights; support of astronaut training and flight crew requirements; mission planning and analysis; remote-site operations; and recovery equip-