

FISCAL YEAR 1969 OPERATING BUDGET

The table attached to my statement compares the amounts in the fiscal year 1969 operating plan with the corresponding amounts in the budget request, the amounts authorized in Public Law 90-373 and those appropriated in H.R. 17023.

(The table referred to follows:)

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FISCAL YEAR 1969 INTERIM OPERATING BUDGET, NOA
[In millions of dollars]

	Budget request	Authoriza- tion	Appropri- ation	Interim operat- ing budget
Apollo.....	2,038.8	2,025.0	-----	2,025.0
Apollo applications.....	439.6	253.2	-----	150.0
Advanced missions.....	5.0	2.5	-----	2.5
Physics and astronomy.....	141.9	136.9	-----	132.1
Lunar and planetary.....	107.3	92.3	-----	75.8
Launch vehicle procurement.....	128.3	115.7	-----	100.2
Bioscience.....	48.5	33.0	-----	32.7
Space applications.....	112.2	98.7	-----	98.7
Electronics system.....	39.4	35.5	-----	34.9
Space vehicle system.....	35.3	31.8	-----	31.7
Human factors system.....	21.7	19.7	-----	19.7
Basic research.....	22.0	21.0	-----	21.0
Space power and electrical propulsion system.....	44.8	42.3	-----	42.2
Nuclear rockets.....	60.0	55.0	-----	32.0
Chemical propulsion.....	36.7	30.2	-----	28.9
Aeronautics.....	76.9	74.9	-----	74.9
Tracking and data acquisition.....	304.8	289.8	-----	280.0
Sustaining university programs.....	10.0	9.0	-----	9.0
Technology utilization.....	4.0	3.8	-----	3.8
Total, R. & D.....	3,677.2	3,370.3	3,370.3	3,195.1
Construction of facilities.....	45.0	39.6	21.8	35.7
Administrative operations ¹	648.2	603.2	603.2	623.3
Total, NASA.....	4,370.4	4,013.1	3,995.3	3,854.1

¹ Excludes pay raises estimated at \$23,700,000.

Dr. PAINE. Mr. Chairman, that having been placed in the record, I will not read it in detail but will proceed to discuss each of the principal items.

MANNED SPACE FLIGHT PROGRAM

Apollo.—With respect to the manned space flight program, the operating plan includes \$2.025 billion for the Apollo program, the amount authorized. This is approximately \$14 million below the budget request.

Much progress has been made in the Apollo program this year, despite the many problems, large and small, that we have encountered, and despite greatly reduced flexibility to cope with problems as a result of reductions in research and development and administrative operations funding. Next week we plan to resume manned space flight with an earth orbital mission of up to 10 days' duration in the Block II Command and Service Modules, launched by a Saturn IB. I might mention, Mr. Chairman, that Dr. Mueller and General Phillips are down at the cape today at the flight readiness review, and, therefore, are represented by another member of the staff.

Following this flight, we had hoped to attempt an all-up, manned Saturn V Command and Service Module and Lunar Module mission in December. This Saturn V flight was conditioned, as we have reported to the committee, upon the successful completion of our pro-