

R. & D. CONTRACTS ADMINISTERED BY PURCHASING OFFICE, MSFC—Continued

[Listed in order of dollar value]

Contractor	Contract	Description	Date	Amount
Southwest Welding & Manufacturing, Alhambra, Calif.	NASS-18926	Liquid hydrogen tank	June 30, 1966	\$283,720
Astro Space Laboratory, Inc., Huntsville, Ala.	NASS-5350	Development of a pressure and force transducer calibration procedure for hypersonic shock tunnel	May 14, 1963	291,315
Martin Marietta Corp., Denver, Colo.	NASS-5322	Design, criteria relative to wind-induced oscillations of Saturn Booster	Apr. 29, 1963	291,053
North American Aviation, Anaheim, Calif.	NASS-11973	Development of a compatible family of microcircuits (silicon monolithic integrated circuits)	June 23, 1965	290,745
Illinois Institute of Technology, Chicago, Ill.	NASS-5379	Investigation of environmental effects on coatings for thermal control of vehicles	May 20, 1963	286,989
Motorola Inc., Scottsdale, Ariz.	NASS-13860	Optical measurement and test sets	Feb. 8, 1965	281,663
IIT Research Institute, Chicago, Ill.	NASS-11258	Development of ultrahigh strength, low density, aluminum plate composites	June 16, 1964	279,722
Harvey Aluminum Inc., Torrance, Calif.	NASS-11508	Development of a plasma electron beam welding system	June 29, 1963	278,731
General Electric Co., Cincinnati, Ohio	NASS-11803	Computer display system	June 29, 1964	278,267
Dallo Electronics, Norwood, N.J.	NASS-17446	A study program in cryogenic insulation research	June 30, 1966	277,770
Martin-Marietta Corp., Baltimore, Md.	NASS-11397	Large space structures experiments for AAP	June 27, 1964	277,200
General Dynamics, San Diego, Calif.	NASS-18118	Development of zero G heat transfer modes	Sept. 15, 1966	275,000
Lockheed Aircraft Corp., Palo Alto, Calif.	NASS-11525	Test coders	June 29, 1963	274,843
Arco Corp., Cincinnati, Ohio	NASS-15390	A study of propellant behavior at zero gravity	May 20, 1965	273,600
North American Aviation, Downey, Calif.	NASS-11097	Analytical studies and investigation in areas of stabilized platform and gyro gimbal design and manufacture	Oct. 4, 1963	270,727
Battelle Memorial Institute, Columbus, Ohio	NASS-11403	Performance of research and development effort to determine feasibility of utilization of fluid amplifiers	June 27, 1964	268,700
General Electric Co., Johnson City, N.Y.	NASS-5408	Digital measurement recording system	May 15, 1963	261,683
Giannini Controls, Caldwell, N.J.	NASS-11706	Data recording system	June 2, 1964	261,549
California Computer Products, Anaheim, Calif.	NASS-18760	Analytical and experimental determination of localized structure to be used in lab vibration testing of shell structure	June 20, 1966	255,000
Northrop Corp., Hawthorne, Calif.	NASS-20025	An airborne evaluating equipment study	Apr. 23, 1965	250,620
Martin Marietta Corp., Baltimore, Md.	NASS-11277	Study of wind induced oscillation effects on cylinders	June 27, 1964	247,096
Planning Research Corp., Los Angeles, Calif.	NASS-20367	A doppler system	May 9, 1966	246,592
Astrodala Inc., Anaheim, Calif.	NASS-17051	Assessment of test program alternative large	Mar. 9, 1966	246,422
Boeing Co., Huntsville, Ala.	NASS-21021	Analytical study of problems involving control of large space vehicles	Dec. 7, 1966	245,000
Auburn University, Auburn, Ala.	NASS-20104	Valves	Apr. 6, 1965	245,000
Hadley Co., Pomona, Calif.	NASS-17644	Investigation to determine an improved inducer design for high-speed, high-flow pumps	Mar. 1, 1966	242,840
Thompson Ramo Woolridge, Inc., Cleveland, Ohio	NASS-4006	Reusable aerospace passenger transport system study	Feb. 12, 1962	240,806
Lockheed Aircraft, Burbank, Calif.	NASS-20294	Supplying UHF transmitters	Dec. 10, 1965	237,100
Energy Systems Inc., Palo Alto, Calif.	NASS-11877	Machine, milling	Mar. 3, 1965	235,305
Ex-Cell-O Corp., Detroit, Mich.	NASS-16386	Simulation of selected discrete networks, Saturn instrument unit	June 26, 1965	234,916
General Dynamics, San Diego, Calif.	NASS-20016	Flexible hose assembly	Apr. 3, 1965	234,177
Resistoflex Corp., Roseland, N.J.	NASS-11983	Definition of the phase change thermal radiator flight experiment	Apr. 21, 1965	233,742
Northrop Corp., Hawthorne, Calif.	NASS-20670	Development of structural panel	Sept. 23, 1965	233,250
General Dynamics, San Diego, Calif.	NASS-11469	Investigation of current degradation phenomenon in superconducting solenoids	June 29, 1964	228,201
North American Aviation, Canoga Park, Calif.	NASS-5356		May 14, 1963	228,088