

# CONTRACTORS

EQUIPMENT SUPPLIED	CONTRACTOR
Abort Electronics Assembly	TRW, Inc.
Abort Guidance Section	TRW Systems Group
Abort Sensor Assembly	Redondo Beach, California
Absolute and Differential Pressure Transducers	Whittaker Corp. Instrument System Div. Chadsworth, California
Absolute Pressure Switch	Fairchild Hiller Corp. Stratos Div. Manhattan Beach, California
Actuator Bellows Assembly	Stainless Steel Products Burbank, California
Air Filter	Mectron Industries South El Monte, California
Ambient Helium Tanks	Sargent Industries, Inc. Airite Div. El Segundo, California
Ascent and Descent Batteries	Eagle-Picher Company Joplin, Missouri
Ascent - GOX Tanks	Sargent Industries
Ascent Helium Storage Tanks	Airite Div. El Segundo, California
Ascent Engine - Injector and Combustion Chamber	North American Rockwell Rocketdyne Div. Canoga Park, California
Ascent Engine - Skirt and Valves	Bell Aerosystems Co. Niagara Falls Blvd. Buffalo, New York
Ascent Propellant Tanks	Aerojet General Corp. Downey Plant Downey, California
Attitude and Translation Control Assembly	RCA Aerosystems Div. Burlington, Massachusetts
Attitude Control Assemblies	Honeywell, Inc. Aeronautical Div. Minneapolis, Minnesota
Bacteria Filter	American Air Filter St. Louis, Missouri
Bulkhead Feedthrough Connectors	ITT Cannon Electric Co. Los Angeles, California
Burst Disk	Parker Hannifin Corp. Systems Div. Los Angeles, California

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C-Band Transponder Antenna	Melpar Falls Church, Virginia
Cable Cutter Explosive Devices	Explosive Technology, Inc. Fairfield, California
Caution and Warning Electronic Assembly	Ambac Industries Arma Div. Garden City, New York
Caution and Warning Indicators	Penn Keystone Derby, Connecticut
Circuit Breakers	Mechanical Products Jackson, Michigan
Circuit Interrupter	ITT Cannon Electric Co. Phoenix, Arizona
Circular Connectors	The Deutsch Co. Electronic Component Div. Banning, California
CO <sub>2</sub> Sensor	Perkin-Elmer Electro-Optical Div. Norwalk, Connecticut
Coaxial Switches and Connectors	Quantatron, Inc. Santa Monica, California
Cold Plate Assemblies	AVCO Corp. Aerostructures Div. Nashville, Tennessee
Communication Subsystem	RCA Communications Div. Camden, New Jersey
Component Caution Indicators	Penn Keystone Derby, Connecticut
Control Electronic Section	Ambac Industries, Inc. Arma Division Garden City, New York
Coupling Disconnects	J. C. Carter Co. Costa Mesa, California
Coupling Test Points	Schulz Tool and Mfg. Co. San Gabriel, California
Data Storage Electronic Assembly	Leach Corp. Controls Div. Azusa, California
Descent Engine	TRW, Inc. TRW Systems Group Redondo Beach, California

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Descent Engine Control Assembly	RCA Aerosystems Div. Burlington, Massachusetts
Data Entry Display Assembly	TRW, Inc. TRW Systems Group Redondo Beach, California
Descent Propellant Tanks (LM4 and 5)	General Motors Corp. Allison Div. Indianapolis, Indiana
Descent Propellant Tanks (LM 6 and sub)	Sargent Industries Airite Div. El Segundo, California
Digital Uplink Assembly	AVCO Corp. Electronics Div. Cincinnati, Ohio
Diplexer	Ramtec Division Emerson Electric Company Celabasas, California
Disconnect	Fairchild Hiller Corp. Stratos Div. Manhattan Beach, California
Disconnect, Flight Half	Seaton-Wilson Co. Burbank, California
Discrete Transducers	Metals and Controls Div. Texas Instruments Inc. Attleboro, Massachusetts
Docking Lights	Eimac Div. Varian, Inc. San Carlos, California
Electrical Control Assembly	General Electric Co. Specialty Control Dept. Waynesboro, Virginia
Electroluminescent Lamps	General Electric Co. Miniature Lamp Div. Nella Park Cleveland, Ohio
End Detonator Cartridges	Space Ordnance Systems El Segundo, California
Environmental Control Subsystem	United Aircraft Corp. Hamilton Standard Div. Windsor Locks, Connecticut
Event Timer	Sylvania Electronics Needham Heights, Massachusetts
Explosive Nut and Bolt Assembly	Space Ordnance Systems El Segundo, California

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Explosive Valves	Pelmeq Div. Quantic Industries San Carlos, California
Exterior Tracking Light	Dynamics Corp. of America Reeves Instrument Co. Div. Garden City, New York
Fire-In-The-Hole (FITH) Connector	ITT Cannon Electric Co. Phoenix, Arizona
Flag Indicators (Talkbacks)	Honeywell, Inc. Aeronautical Div. Minneapolis, Minnesota
Flex Lines	Avica Newport, Rhode Island
Flight Director Attitude Indicators	Lear Siegler Instrument Div. Grand Rapids, Michigan
Gimbal Angle Sequencing Transformation Assembly	Lear Siegler Instrument Div. Grand Rapids, Michigan
Gimbal Drive Actuators	The Garrett Corp. Airesearch Mfg. Co. Los Angeles, California
H <sub>2</sub> O Bacteria Filter	Aircraft Porous Media Glen Cove, New York
Heat Exchanger (Discrete Engine)	Stewart Warner South Wind Div. Indianapolis, Indiana
Heater Assembly (RCS)	Cox and Co. New York City, New York
Helium Explosive Valves	Pelmeq Corp. Quantic Industries San Carlos, California
Helium Filter	Aircraft Porous Media Glen Cove, New York
Helium Filter	Vacco Industries South El Monte, California
Helium Latch Valve	M. C. Manufacturing Co. Lake Orion, Michigan
Helium Pressure Valve	Parker Aircraft Corp. Los Angeles, California
Helium Quad Check Valve	Accessory Products Co. Whittier, California
Helium Relief Valve	Calmec Mfg. Corp. Los Angeles, California

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Helium Temperature Pressure Indicator	General Precision, Inc. Kearfott Systems Div. Little Falls, New Jersey
Helium Valve - Descent Regulator	Parker Aircraft Corp. Los Angeles, California
High Pressure O <sub>2</sub> Control Assembly	Parker Aircraft Corp. Los Angeles, California
Initiator	Space Ordnance Systems El Segundo, California
Interior Floodlight	Grimes Mfg. Co. Urbana, Ohio
Interrupter	ITT Cannon Electric Co. Phoenix, Arizona
Interstage Disconnect	Fairchild Hiller Corp. Stratos Division Manhattan Beach, California
Inverter	United Aircraft Corporation Hamilton Standard Div. Windsor Locks, Connecticut
Landing Gear Uplock Cutter Assembly	Space Ordnance Systems El Segundo, California
Landing Radar and Rendezvous Radar Subsystem	RCA Aerosystems Div. Burlington, Massachusetts
Latching Valve	Parker Aircraft Corp. Los Angeles, California
Lighting Control Assembly	Dynamics Corporation of America Reeves Instrument Div. Garden City, New York
Miniature Switch	Metals and Controls Div. Texas Instruments, Inc. Attleboro, Massachusetts
Mission Timer	Bulova Watch Company, Inc. Systems and Instrument Division Flushing, New York
Mission Timer	Sylvania Electronics Needham Heights, Massachusetts
Oxygen Fill Disconnect	Purolator, Inc. Aerospace Div. Newbury Park, California
Oxygen Hose	R. E. Darling Company Gaithersburg, Maryland

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Panel Overlay	Precise Engraving Company Garden City, New York
PLSS Condensate Collector Assembly	Lundy Electronics and Systems, Inc. Glen Head, New York
Portable Utility Light	Grimes Manufacturing Co. Urbana, Ohio
Potentiometer	Technology Instrument Corp. Newbury Park, California
Pressure Garment Assembly O <sub>2</sub> Connectors	Air Lock Corp. Melford, Connecticut
Pressure Relief Valve	Parker Aircraft Corp. Los Angeles, California
Program Reader Assembly	Fairchild Camera Space and Defense Systems Syosset, New York
Propellant Filter	Purolator Products, Inc. Aerospace Division Newbury Park, California
Propellant Filters	Aircraft Porous Media Glen Cove, New York
Propellant Level Detectors	Simmonds Precision Products Long Island City, New York
Propellant Quantity Gaging System	Trans-Sonics, Inc. Lexington, Maine
Propellant Quantity Indicator	General Precision, Inc. Kearfott Systems Division Little Falls, New Jersey
Propellant Quantity Measuring Device	Electro-Optical Systems Subsidiary of Xerox Corp. Pasadena, California
Propellant Solenoid Valve	Parker Aircraft Corp. Los Angeles, California
Propellant Tanks	Bell Aerosystems Co. Buffalo, New York
Pulse Code Modulation/Timing Electronic Assembly	Radiation, Inc. Palm Bay, Florida
Pushbutton Switch	Honeywell, Inc. Aeronautical Division Minneapolis, Minnesota
Pyro Battery	Electro-Storage Battery Raleigh, North Carolina

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EQUIPMENT SUPPLIED	CONTRACTOR
Quad Check Valve	Parker Aircraft Corp. Los Angeles, California
Range/Altitude Indicator	Bendix Corp. Eclipse-Pioneer Div. Teterboro, New Jersey
RCS Explosive Cartridge	Space Ordnance Systems El Segundo, California
Reaction Control Subsystem	The Marquardt Corp. Van Nuys, California
Regulating Valve	Fairchild Stratos Western Branch Manhattan Beach, California
Relays	Filtors, Inc. Huntington, New York
Relief Valve	M. C. Manufacturing Co. Lake Orion, Michigan
Retractable Cable	Haveg Industries Supertemp Wire Div. Winooski, Vermont
RF Signal Sampling Sensor	Melpar, Inc. Falls Church, Virginia
Rotary Switch	Daven Div. Thomas A. Edison Industries West Orange, New Jersey
Rough Combustion Cutoff	Thiokol Chemical Corp. Reaction Motors Div. Denville, New Jersey
Self-Luminous Devices	Minnesota Mining and Mfg. Co. St. Paul, Minnesota
Sensor Probe	EDO Corp. College Point, New York
Signal Conditioning Electronics Assembly	Ambac Industries, Inc. Arma Division Garden City, New York
Signal Strength Meters	Honeywell, Inc. Aeronautical Div. Minneapolis, Minnesota
Solenoid Valve	Valcor Engineering Corp. Kenilworth, New Jersey
Steam Vent Divider	Stainless Steel Products Burbank, California
Suit Loop Switch	Parker Hannifin Corp. Systems Div. Los Angeles, California

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Supercritical Helium Tanks	The Garrett Corp. Airesearch Mfg. Co. Los Angeles, California
Surge Tank Disconnect	Seaton-Wilson Burbank, California
Synchros	General Precision, Inc. Kearfott Systems Division Little Falls, New Jersey
Target Assembly	Minnesota Mining and Mfg. Co. St. Paul, Minnesota
Thrust/Weight Indicator	Bendix Corp. Pioneer Central Division Davenport, Iowa
Time Delay	Lear Siegler Instrument Division Grand Rapids, Michigan
Toggle Switch	Metals and Controls Div. Texas Instruments, Inc. Attleboro, Massachusetts
Transducer	Hy-Cal Engineering Corp. Santa Fe Springs, California
Transistors	Metals and Controls Div. Texas Instruments, Inc. Attleboro, Massachusetts
TTCA Transducer	Bournes, Inc. Riverside, California
Universal Ball Joint	Stainless Steel Products Burbank, California
Waste Management System	Lundy Electronics and Systems Glen Head, New York
Waveguides	Electronic Specialty Co. Connecticut Division Thomaston, Connecticut
Window Panel Assembly	Corning Glass Works Corning, New York
Windows	Corning Glass Works Corning, New York
Wire	Haveg Industries, Inc. Supertemp Wire Division Winooski, Vermont
X (Cross) - Pointers	Honeywell, Inc. Aeronautical Div. Minneapolis, Minnesota