

## List of Careers—Satellite Rescue



### **Aerospace Engineer**

Perform engineering work in designing, constructing, and testing aircraft, missiles, and spacecraft. Conduct research on aircraft design. Recommend improvements in testing equipment and techniques.

### **Aerospace Engineering and Operations Technician**

Operate, install, and maintain computer/communications systems, simulators, and other data instruments to launch, track, and evaluate air and space vehicles. May record and interpret test data.

### **Airline Pilot, Copilot, and Flight Engineer**

Pilot and navigate the flight of multiengine aircraft for the transport of passengers and cargo. Obtain a certification for the type of aircraft being flown.

### **Atmospheric and Space Scientist**

Investigate atmospheric phenomena. Interpret data gathered by stations, satellites, and radar. Prepare reports and forecasts for public and other uses.

### **Avionics Technician**

Install, inspect, test, adjust, or repair avionics equipment, such as radar, radio, navigation, and missile control systems in aircraft or space vehicles.

### **Biomedical Engineer**

Apply knowledge of engineering and biology to the design, development, and evaluation of biological and health systems and products, such as artificial organs, prostheses, and instrumentation.

### **Calibration and Instrumentation Technician**

Develop, test, calibrate, operate, and repair many types of instruments. Instruments include mechanical, electromechanical, and electrohydraulic measuring and recording instruments.

### **Cardiovascular Technologists and Technician**

Conduct tests on pulmonary or cardiovascular systems of patients.

### **Chemist**

Conduct chemical analyses or experiments in laboratories for quality control or to develop new products or knowledge.

### **Electrical Engineer**

Design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.

### **Emergency Management Specialist**

Coordinate disaster response or crisis management activities. Provide training on preparing for disasters. Prepare emergency plans and procedures for natural and other disasters

### **Internist, General**

Diagnose and provide nonsurgical treatment of diseases and injuries of internal organ systems.

### **Mathematician**

Conduct research in fundamental mathematics or in application of mathematical techniques to science, management, and other

fields. Solve problems in various fields by mathematical methods.

### **Medical Assistant**

Perform administrative and clinical duties under the direction of physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and giving medications.

### **Registered Nurse**

Assess patient health problems and needs, develop nursing care plans, and maintain medical records. Administer nursing care to ill, injured, or disabled patients. Licensing or registration required. Advanced practice nursing is practiced by RNs who have specialized formal education.

### **Respiratory Therapist**

Treat and care for patients with breathing disorders. Supervise respiratory therapy treatment, maintain patient records, and operate equipment.

### **Statistician**

Collect and interpret numerical data to provide useful information. Contribute to development of mathematical theory. Specialize in fields such as biostatistics, agricultural statistics, business statistics, or other fields.