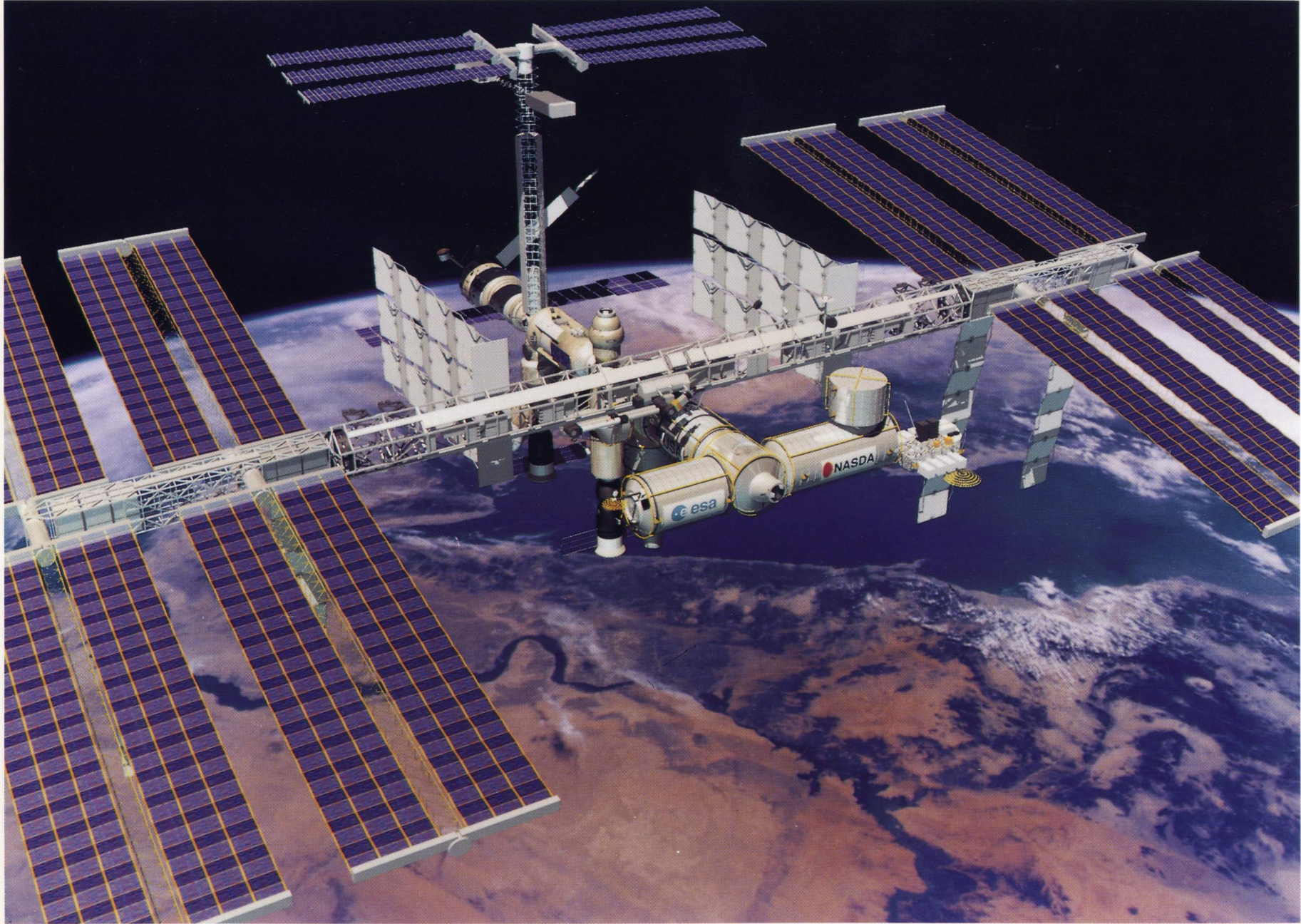




National Aeronautics and
Space Administration

International Space Station: Assembly Complete



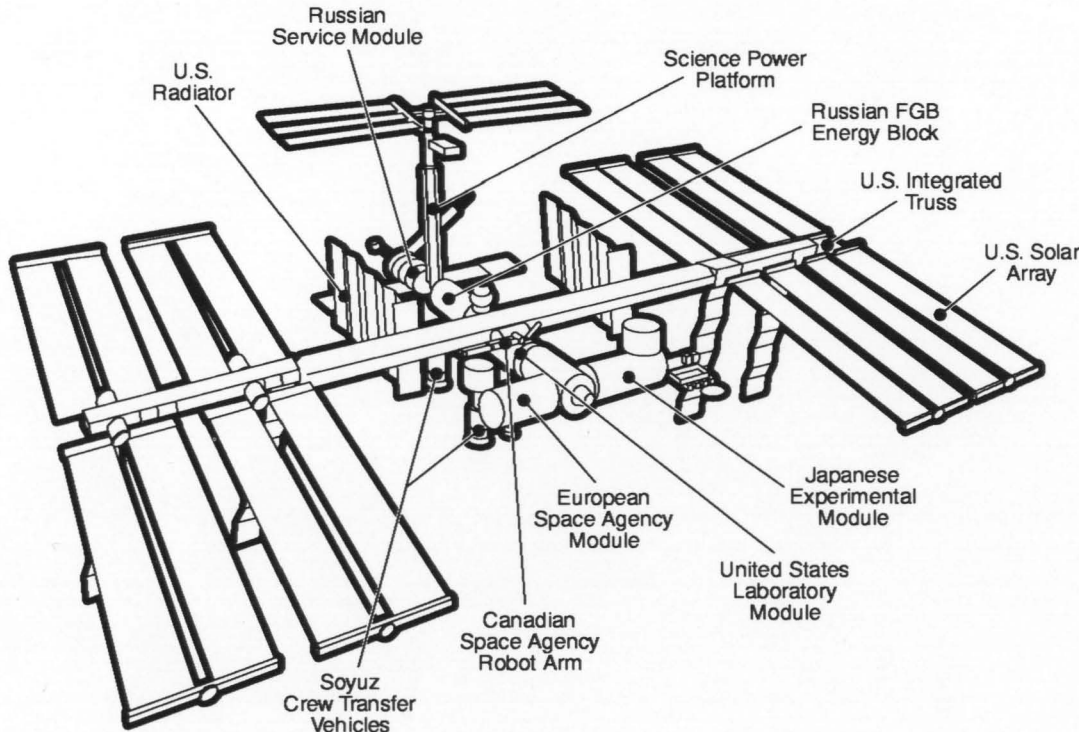


International Space Station: Assembly Complete

The early space program and experiments conducted on the Space Shuttle have made remarkable contributions to medical research and the study of life on Earth. The Space Station is the next step: a permanent laboratory for long-term research that takes advantage of the unique environment in space. This environment cannot be replicated on Earth for any great duration. The Space Station will be a testbed for the technologies of the future, a laboratory for research on new, high-technology

industrial materials, communications, transportation, and medical research, among others.

The International Space Station draws upon the resources and scientific expertise of 13 nations in a cooperative effort. The new design of the Space Station will provide more laboratory space, more electrical power, a larger crew, and greater international participation. Participating nations include: the United States, Canada, Italy, Belgium, Netherlands, Denmark, Norway, France, Spain, Germany, the United Kingdom, Japan, and now, Russia. Below is a diagram that identifies international contributions to the station.



Facts & Figures

End to End Width (Wingspan)	361 feet (110.03 meters)
Length	290 feet (88.39 meters)
Weight	831,000 pounds (376,941.6 kilograms)
Operating Altitude	220 miles (average) (407.44 kilometers)
Inclination	51.6 degrees to the Equator
Atmosphere	14.7 pounds per square inch (same as Earth) (101.36 kilonewtons per square meter)
Crew size	6

Significant Dates

Date	Schedule	Payload
11/97	First U.S. Element Launch	FGB
5/88	First Russian Element Launch	Service Module
5/98	Continuous Human Presence	Soyuz
3/2000	Japanese Lab Launch	JEM Pressurized Lab
2/2001	ESA Lab Launch	Attached Pressurized Module
2/2002	Habitation Module Launch	U.S. Habitation Module
6/2002	Assembly Complete/Continuous Full Crew Presence	Soyuz CTV

About the Image

This illustration depicts the International Space Station in its completed and fully operational state with elements from the United States, Europe, Canada, Japan, and Russia. The scene was produced by John Frassanito and Associates.