

SICSA HISTORY

SASAKAWA INTERNATIONAL CENTER FOR SPACE ARCHITECTURE

The Sasakawa International Center for Space Architecture (SICSA) is a unique research, design and teaching entity that sponsors and directs the world's only MS-Space Architecture program. The organization was founded in 1987 with a \$3 million endowment gift provided by Japan Shipbuilding Industry Foundation Chairman Ryoichi Sasakawa, the largest foreign gift ever received by the University of Houston.

SICSA's central mission is to plan and implement programs that will advance peaceful and beneficial uses of space and space technology on Earth and beyond. Many of these activities address extreme terrestrial environments. SICSA is internationally recognized for its leadership in the field of space architecture.

Numerous SICSA graduates have embarked upon productive and successful careers in government and corporate aerospace organizations throughout the world. Its activities and work products have earned NASA Headquarter recognition for advanced design achievements and routinely appear in prominent US and international professional publications, popular magazines and radio and television features.

SICSA's location in Houston affords convenient access to the NASA Johnson Space Center, local aerospace companies, major research institutions and commercial technology enterprises throughout the city and region. Space architecture faculty and graduate students provide consulting services to NASA and private entities through SICSA consulting contracts. Such contracts also provide student research assistantships and scholarships.

On local and regional levels, SICSA has provided planning and design services to the Houston Airport System for a proposed commercial Ellington Field space port. On a state level, SICSA has served as the lead planning organization for a commercial launch facility in West Texas through support services sponsored by the Governor's Aerospace and Aviation Economic Development Office.

SICSA offers two types of MS-Space Architecture programs, one for full-time students (3 semesters), and another for part-time local industry employees (5 semesters). Students with a variety of technical qualifications including Engineering, Bachelor of Science and 5-year Architecture degrees are eligible to apply.

PEOPLE AND EVENTS



MR. RYOICHI SASAKAWA RECEIVING PROCLAMATION FROM HOUSTON MAYOR KATHY WHITMIRE Dedicating "INTERNATIONAL SPACE ARCHITECTURE DAY", JUNE 3, 1987



MR SASAKAWA WITH PLAQUE IN HIS HONOR



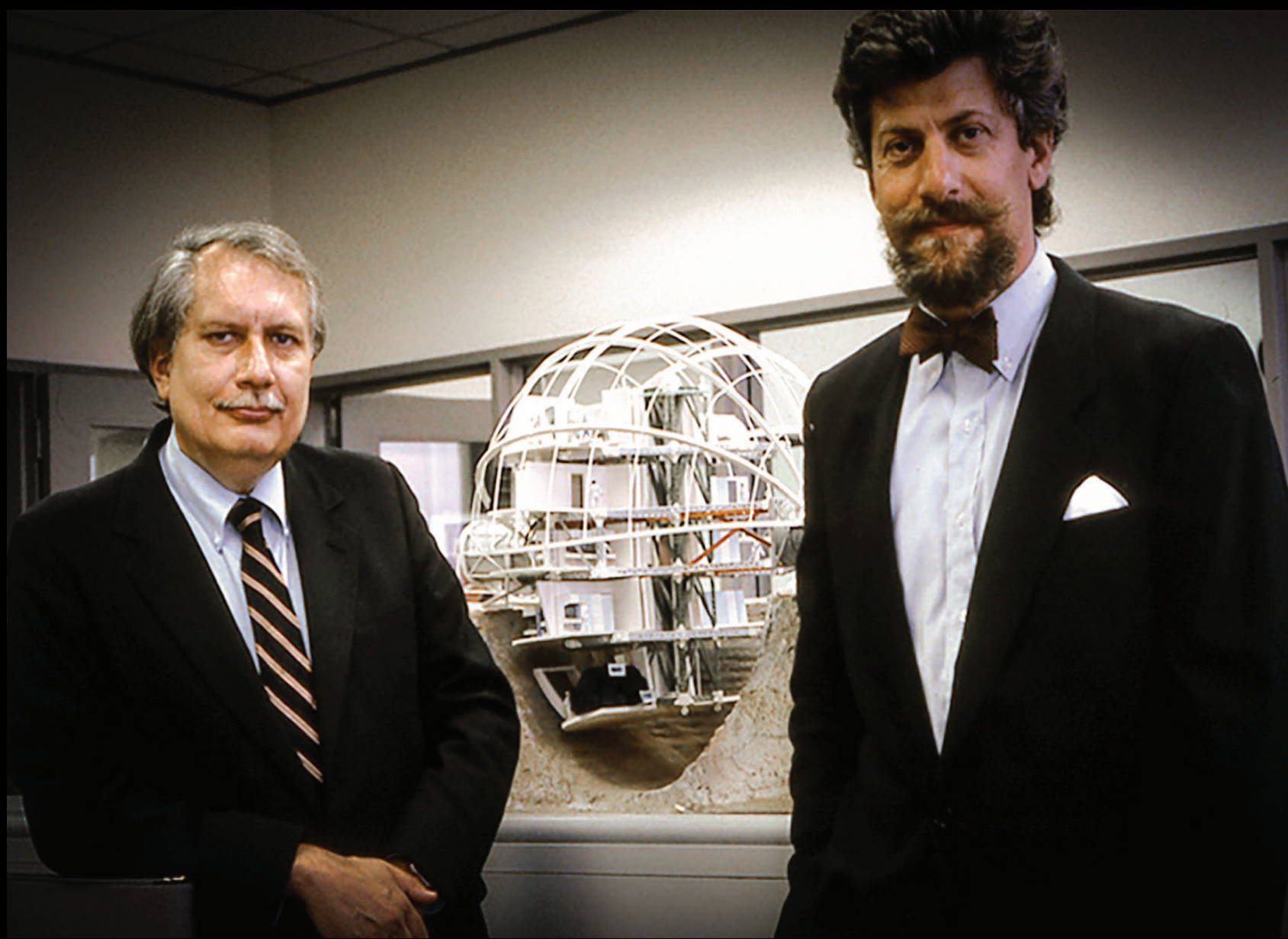
GUILLERMO TROTTI, MR. SASAKAWA AND LARRY BELL AT NEW SICSA FACILITY



NASA SKYLAB III COMMANDER GERALD CARR GREETING MR. SASAKAWA



MR. SASAKAWA VIEWING SICSA FACILITY AND PROJECTS



LARRY BELL AND GUILLERMO TROTTI WITH LUNAR HABITAT MODEL



APOLLO 11 ASTRONAUT BUZZ ALDRIN WORKING WITH SICSA SPACE ARCHITECTURE STUDENTS ON ORBITAL STRUCTURE CONCEPTS



SICSA INTERNATIONAL DESIGN FOR EXTREME ENVIRONMENTS ASSEMBLY CONFERENCE, 1991



SICSA EXHIBITION AT HOUSTON MUSEUM OF NATURAL SCIENCE, FALL 1989

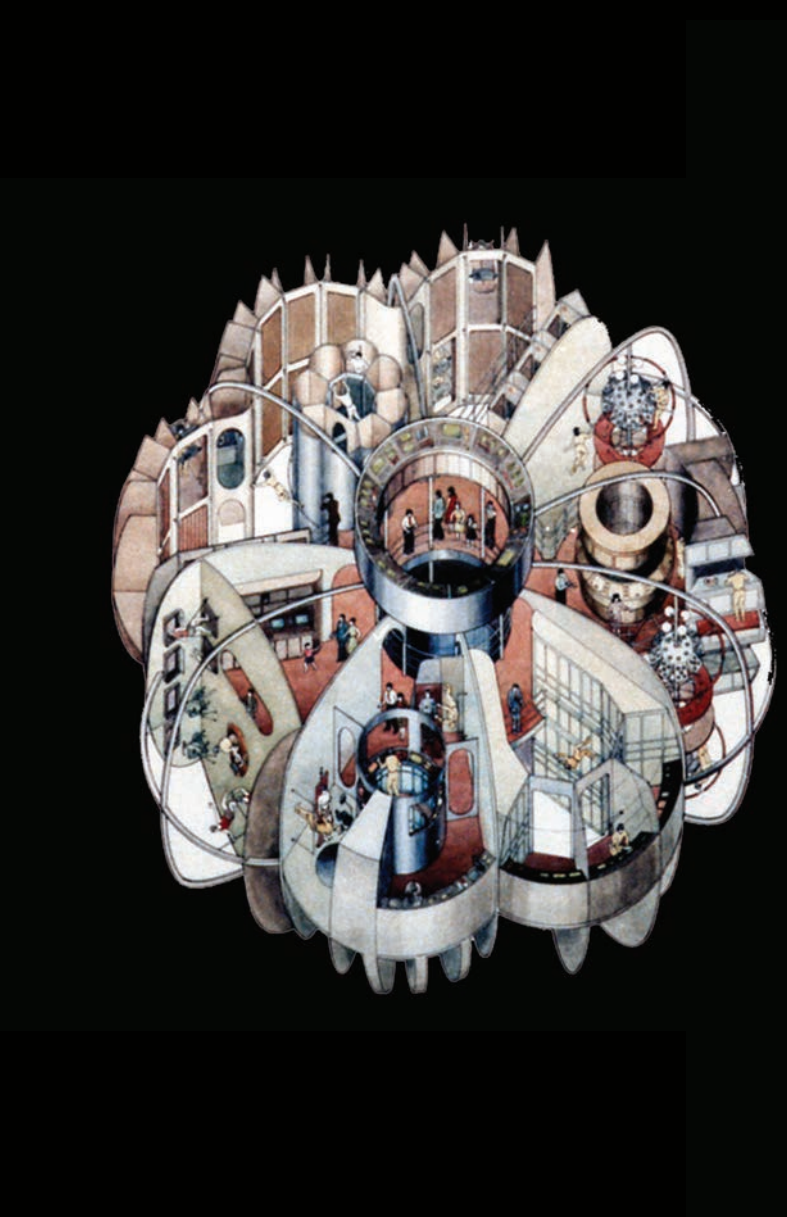
EARLY SICSA PROJECTS



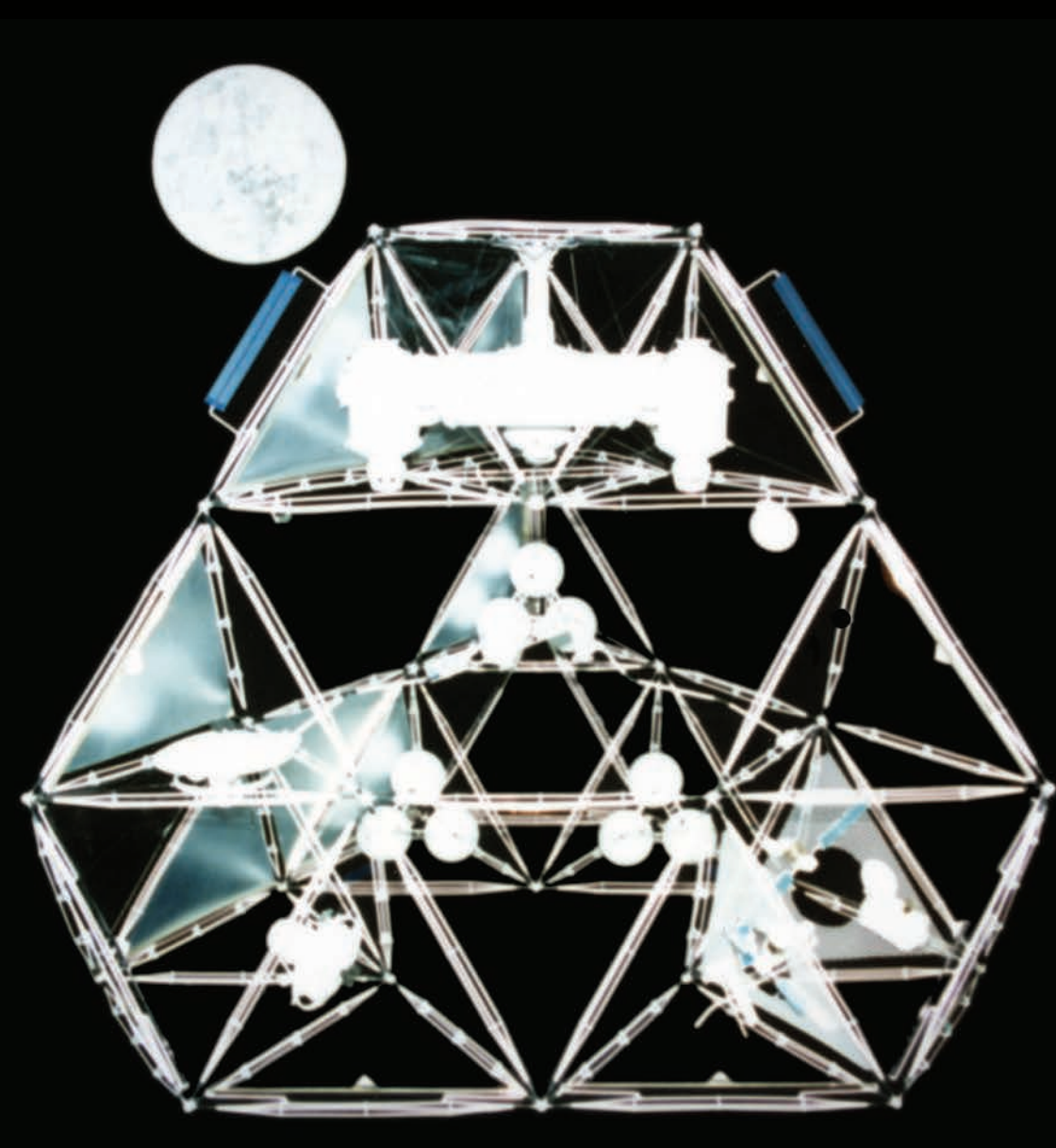
INFLATABLE SPACEHAB ORBITAL FACILITY CONCEPT



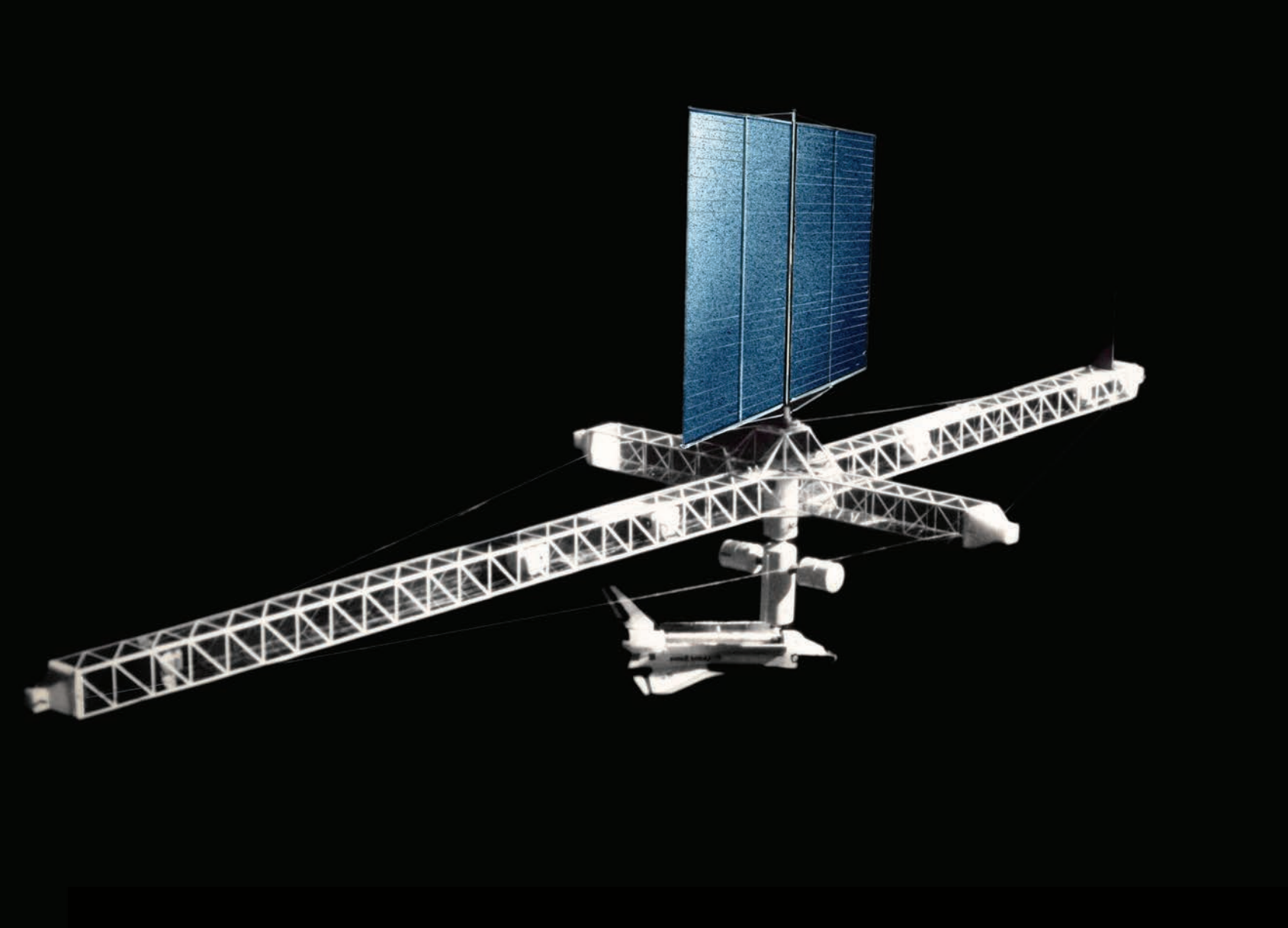
INFLATABLE SPACEHAB CONCEPT



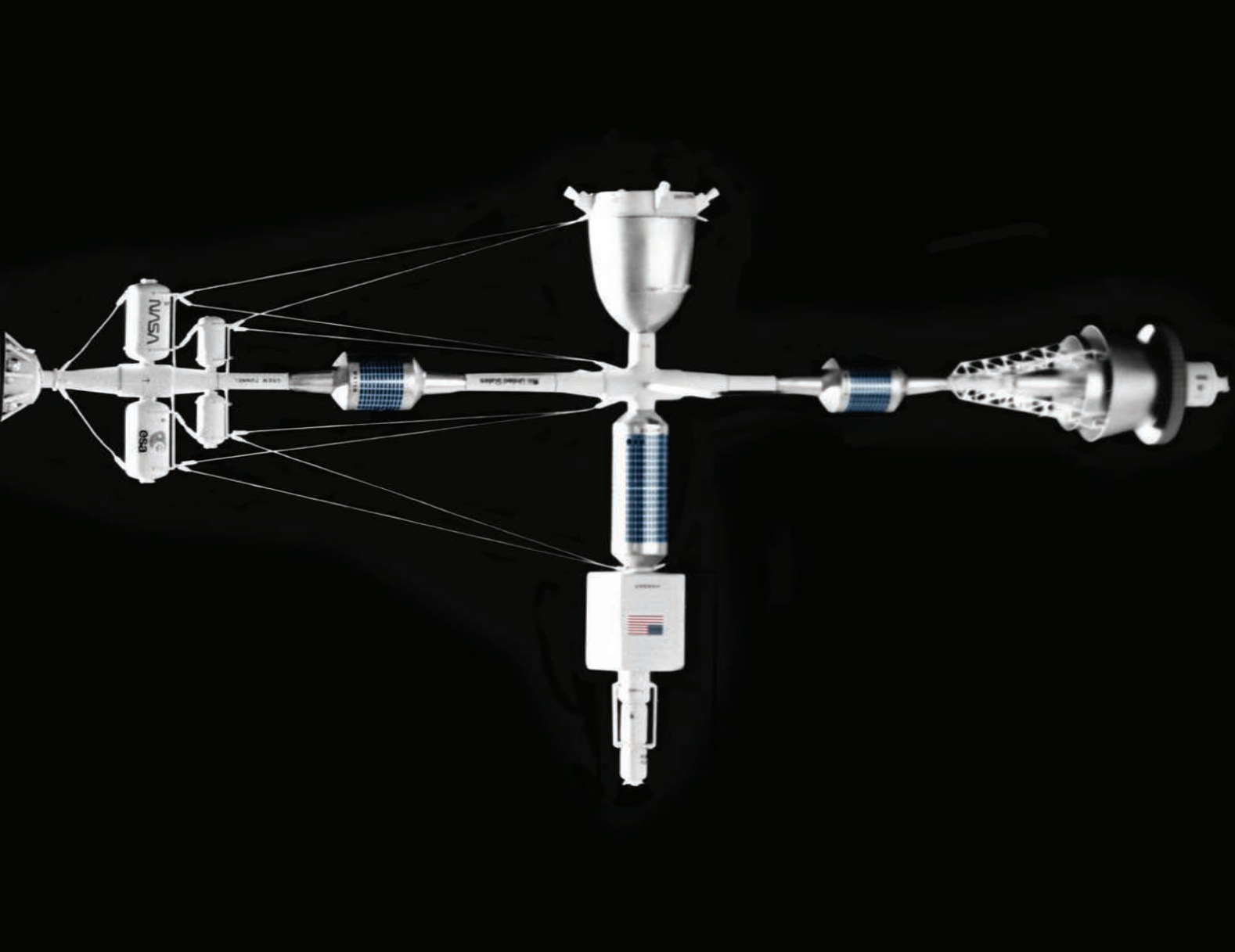
SPACEHAB MODULE INTERIOR LAYOUT PLAN



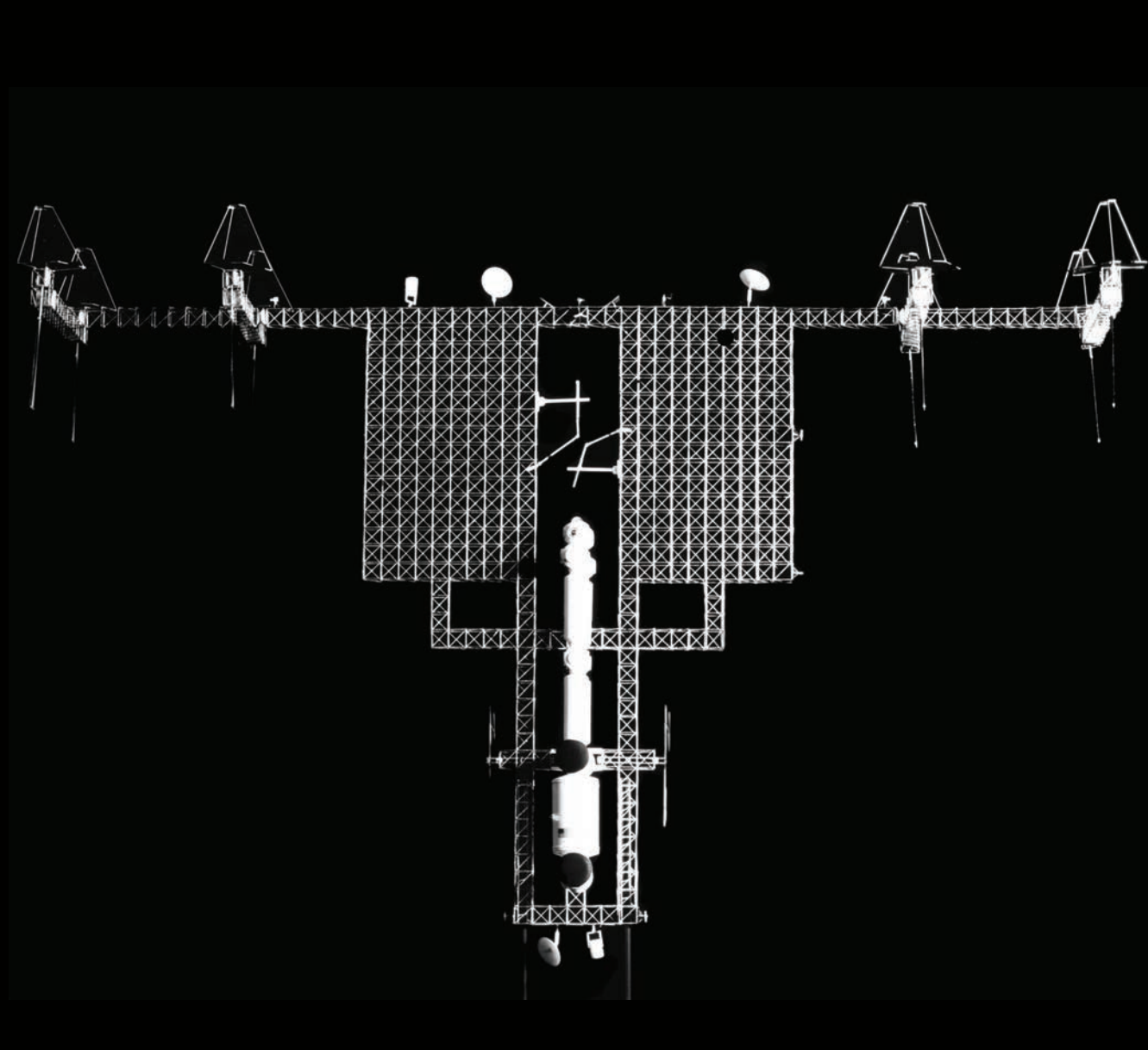
ORBITAL SPACE OPERATIONS CENTER



LOW EARTH ORBIT ARTIFICIAL GRAVITY RESEARCH FACILITY



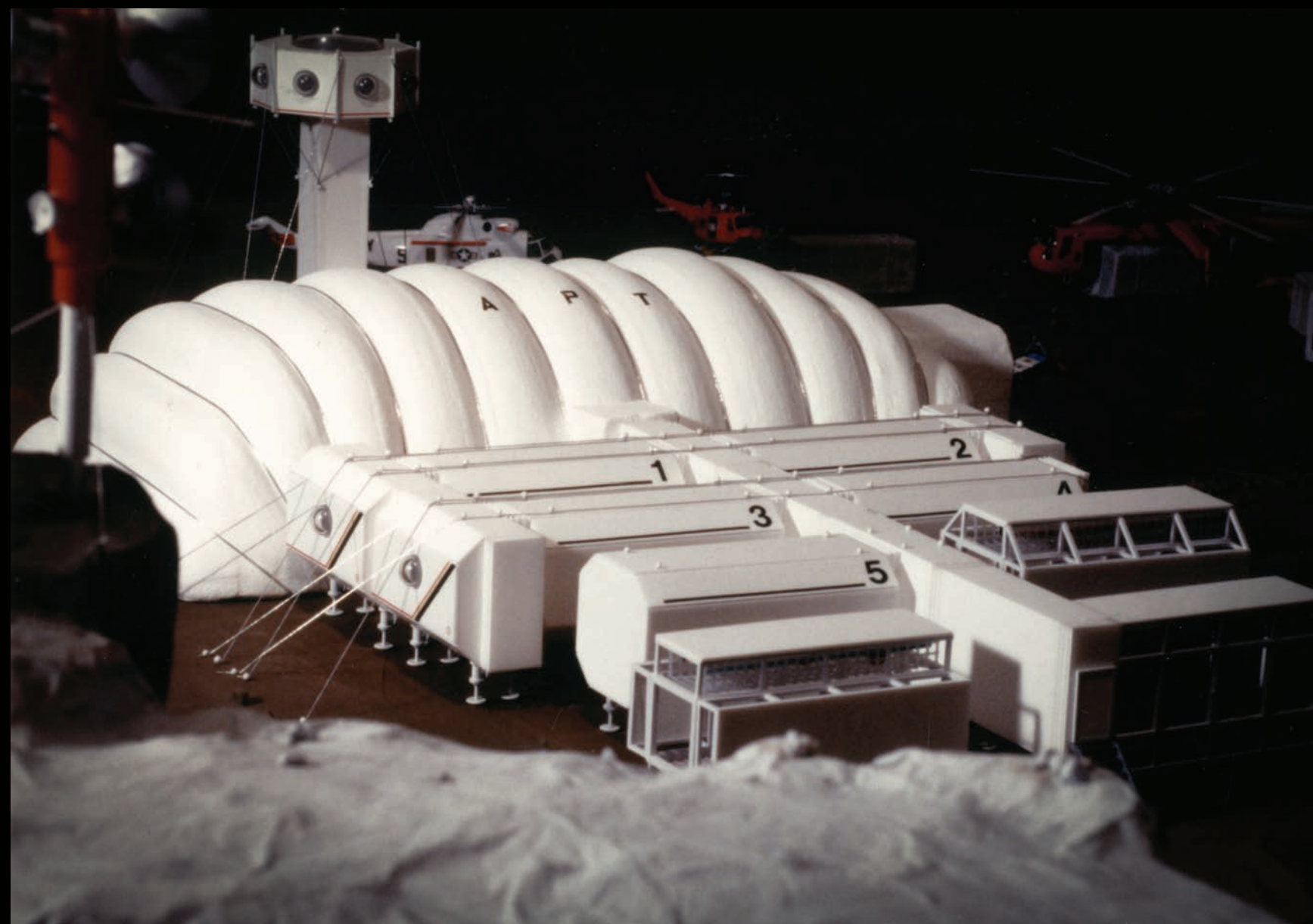
DEEP SPACE ARTIFICIAL GRAVITY EXPLORER USING ION PROPULSION



GRAVITY-GRADIENT LOW EARTH ORBIT HABITAT AND PAYLOAD PROCESSING FACILITY



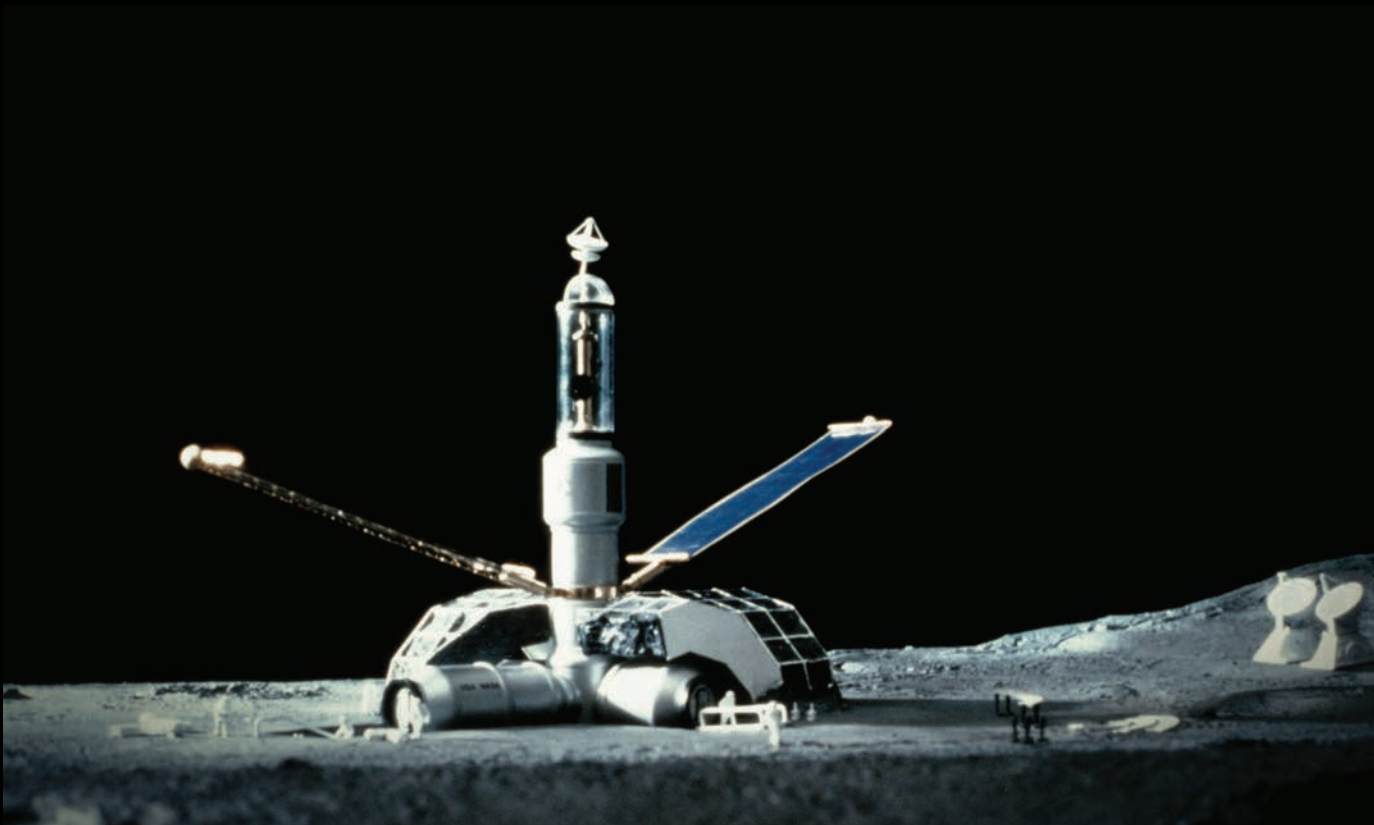
FULL-SCALE SPACE STATION CUPOLA COMMAND CENTER MOCKUP



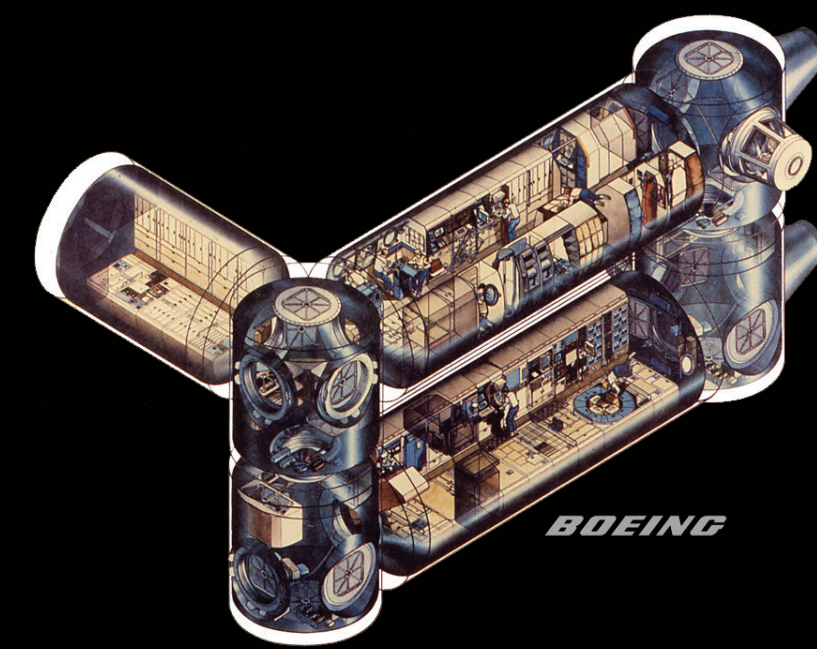
ANTARCTIC PLANETARY TESTBED CONCEPT TO PREPARE ASTRONAUTS FOR LUNAR/MARS SURFACE MISSION OPERATIONS



CONSTRUCTION CONCEPT FOR ANTARCTIC FACILITY MODULE



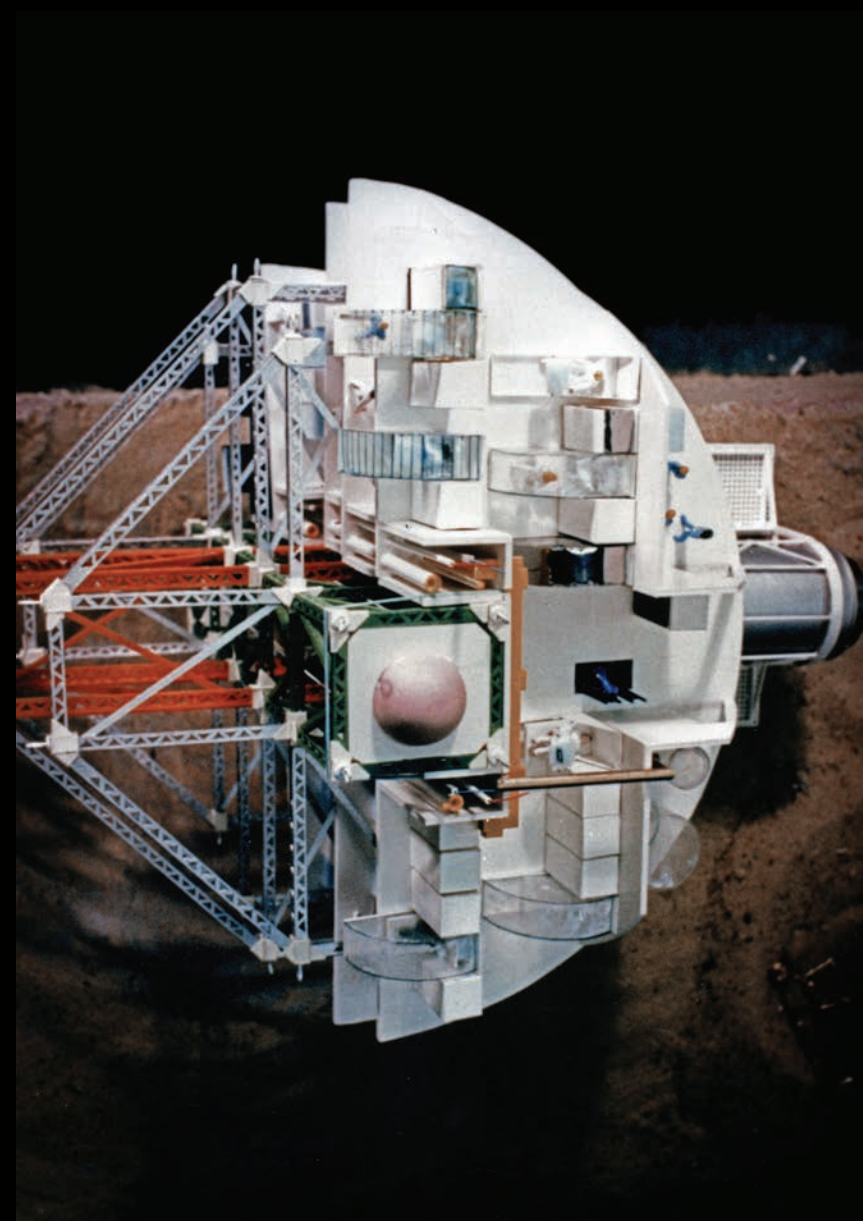
LUNAR HABITAT DEVELOPMENT APPLYING SURFACE MATERIALS FOR RADIATION SHIELDING



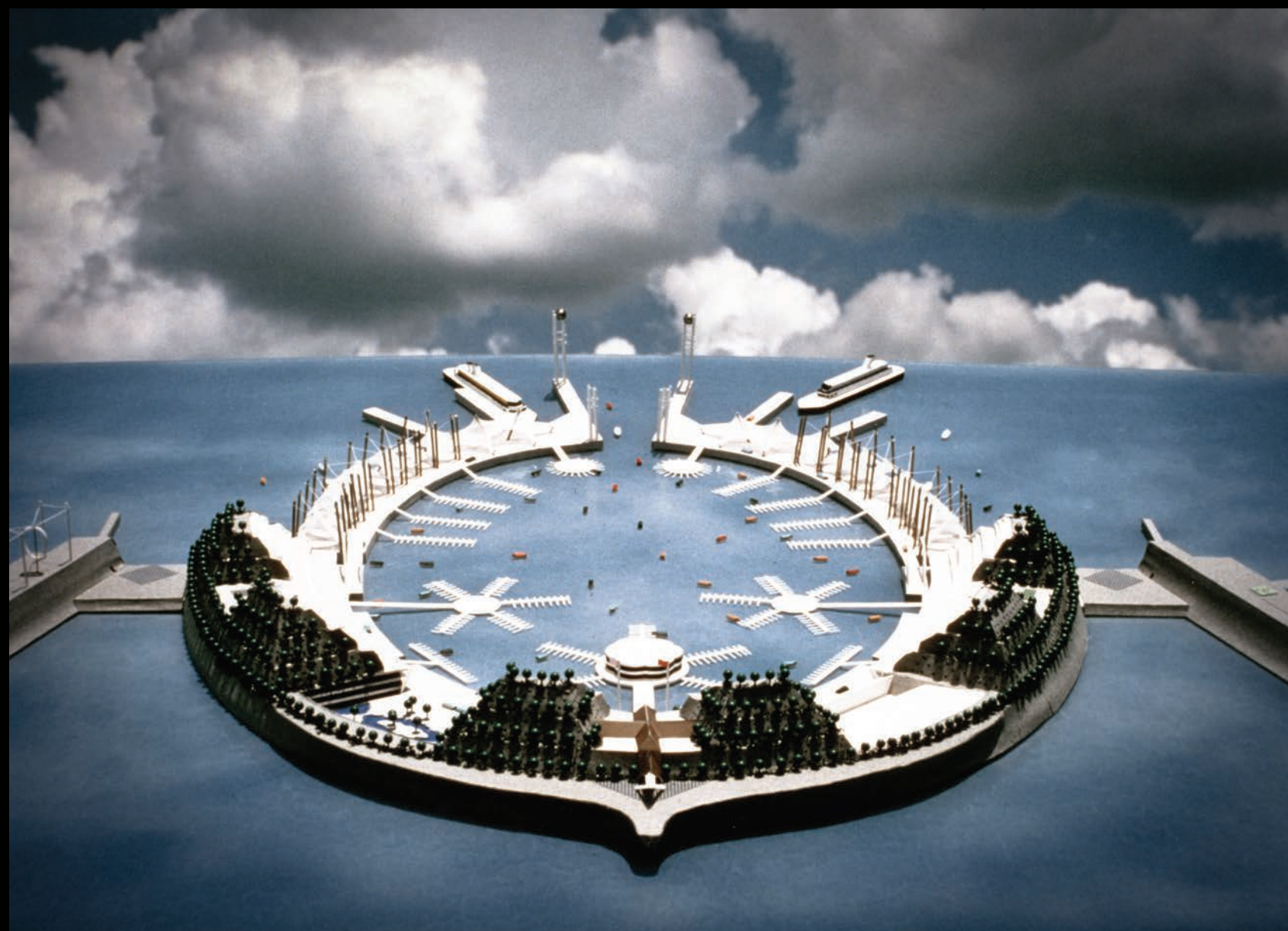
LAYOUT CONCEPT FOR EARLY BOEING SPACE STATION PROPOSAL



INFLATABLE LUNAR SURFACE MODULE CONCEPT



INFLATABLE HABITAT INTERNAL STRUCTURE



OCEAN RESEARCH AND TOURISM APPLYING WIND AND SOLAR POWER RESOURCES



SICSA GRADUATE LAURIE WEAVER TESTING EQUIPMENT IN NASA ZERO GRAVITY FLIGHT SIMULATOR