

FROM LAB TO LEM

BECKMAN INNOVATION
AND THE NEW FRONTIER

A full-page background image showing an astronaut in a white spacesuit floating in space. The astronaut is positioned near the International Space Station (ISS), which is partially visible with its solar panels. The Earth's horizon is visible in the lower half of the frame, showing blue oceans and white clouds. A bright sun is visible in the upper right corner, creating a lens flare effect.

Arnold and Mabel
BECKMAN
FOUNDATION

ENVISIONING A FUTURE WITH SPACE EXPLORATION



"A FEW YEARS AGO, THIS WOULD HAVE BEEN IN THE BUCK ROGERS REALM.
BUT TODAY, WITH THE HELP OF BECKMAN EQUIPMENT,
MAN MAY SOON EXIST IN THIS STRANGE NEW WORLD."

FEEDBACK, JULY 1964, VOL. 7, NO. 5





NEIL E. JACOB (AMERICAN, B. 1924), UNTITLED, CA. 1960.

THE SOUTHERN CALIFORNIA ARTIST'S VISUAL CONCEPTION OF A FUTURE IN SPACE
FEATURED THE BECKMAN SPACEBORNE GAS CHROMATOGRAPH ATMOSPHERE ANALYZER.



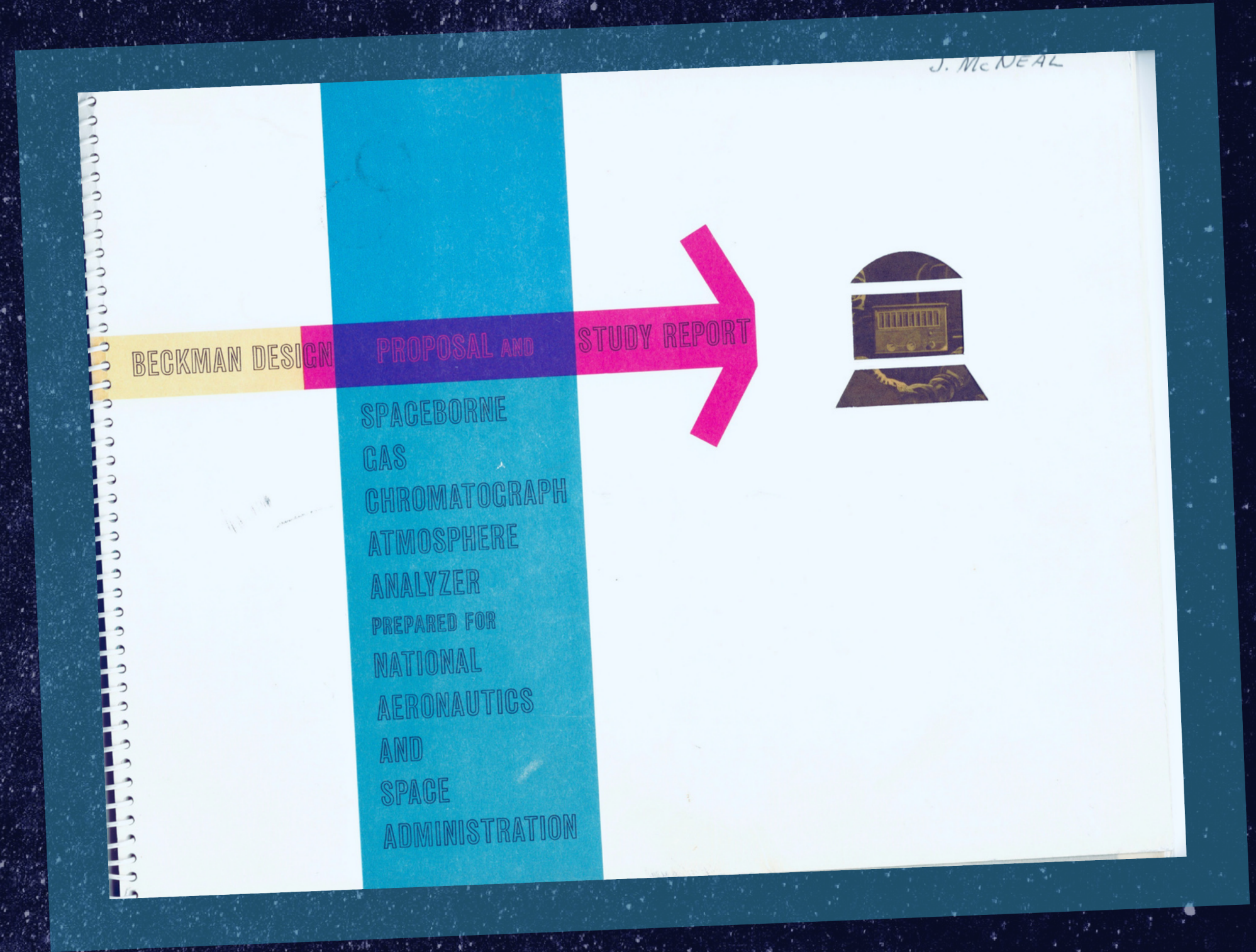
BECKMAN DESIGN PROPOSAL AND STUDY REPORT



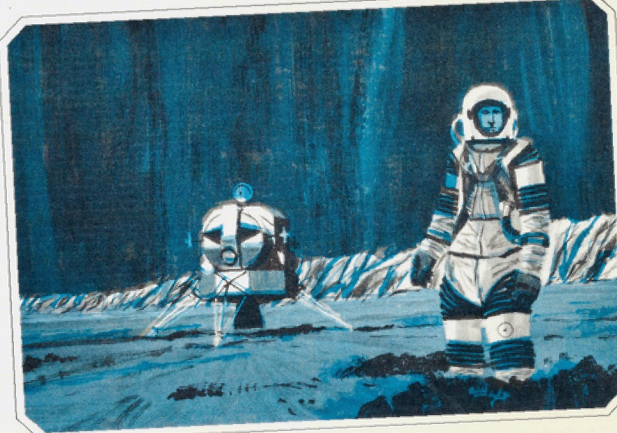
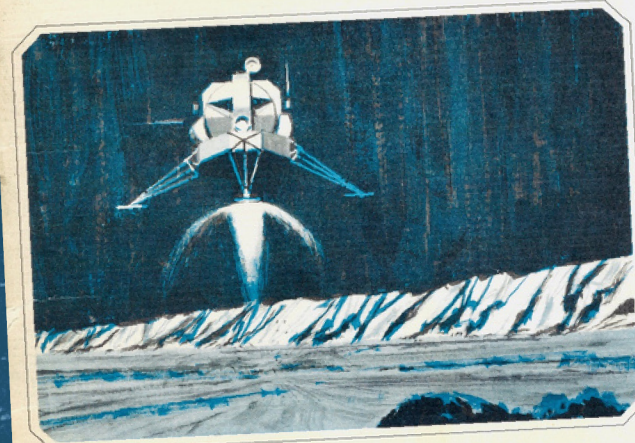
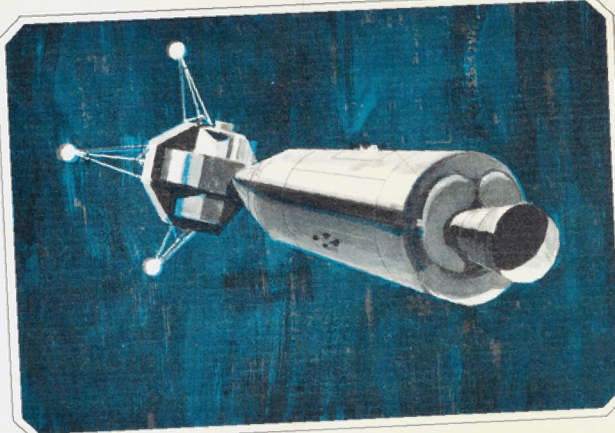
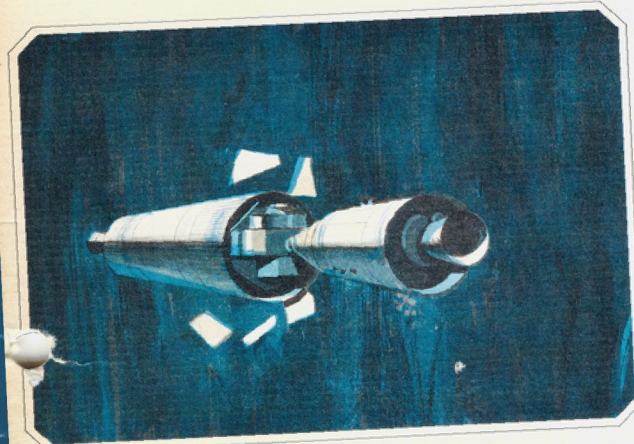
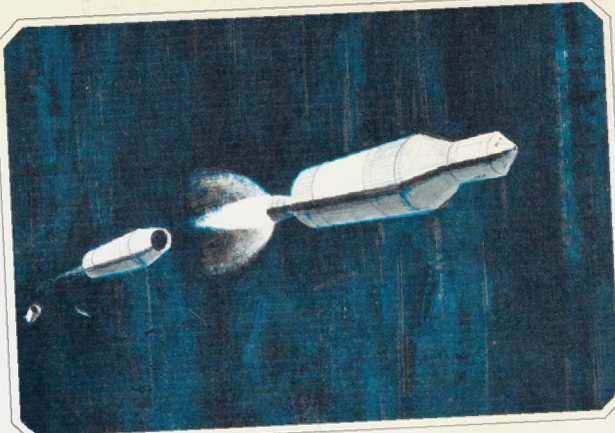
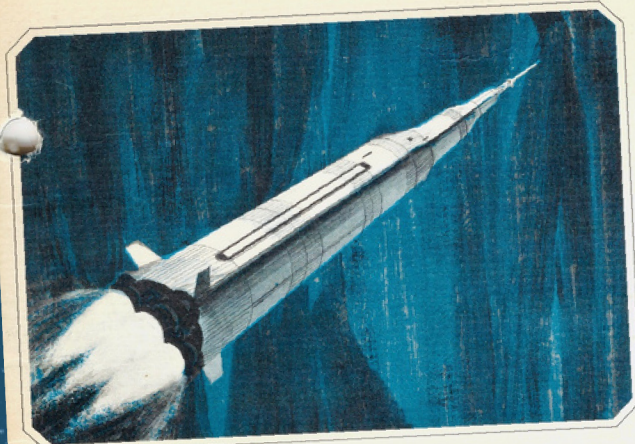
PRINTED IN 1961, THE BECKMAN DESIGN PROPOSAL AND STUDY REPORT NASR-17 FOCUSED ON THE SPACEBORNE GAS CHROMATOGRAPH ATMOSPHERE ANALYZER AND WAS PREPARED FOR NASA.

ITS AUTHORS POSITED THAT FOR MAN IN SPACE, "THE COMPOSITION OF HIS ATMOSPHERE MAY WELL DETERMINE THE SUCCESS OR FAILURE OF THE MISSION."

CONTENTS INCLUDED A TECHNICAL ABSTRACT, DESIGN CRITERIA, THEORETICAL CONSIDERATIONS, A REVIEW OF ANALYTICAL METHODS, COST AND DELIVERY SCHEDULE, AND 16 FIGURES AND ILLUSTRATIONS.



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BECKMAN BITS

Published by the Systems Division of Beckman Instruments, Inc./1964-65



BECKMAN BITS BOOKLET

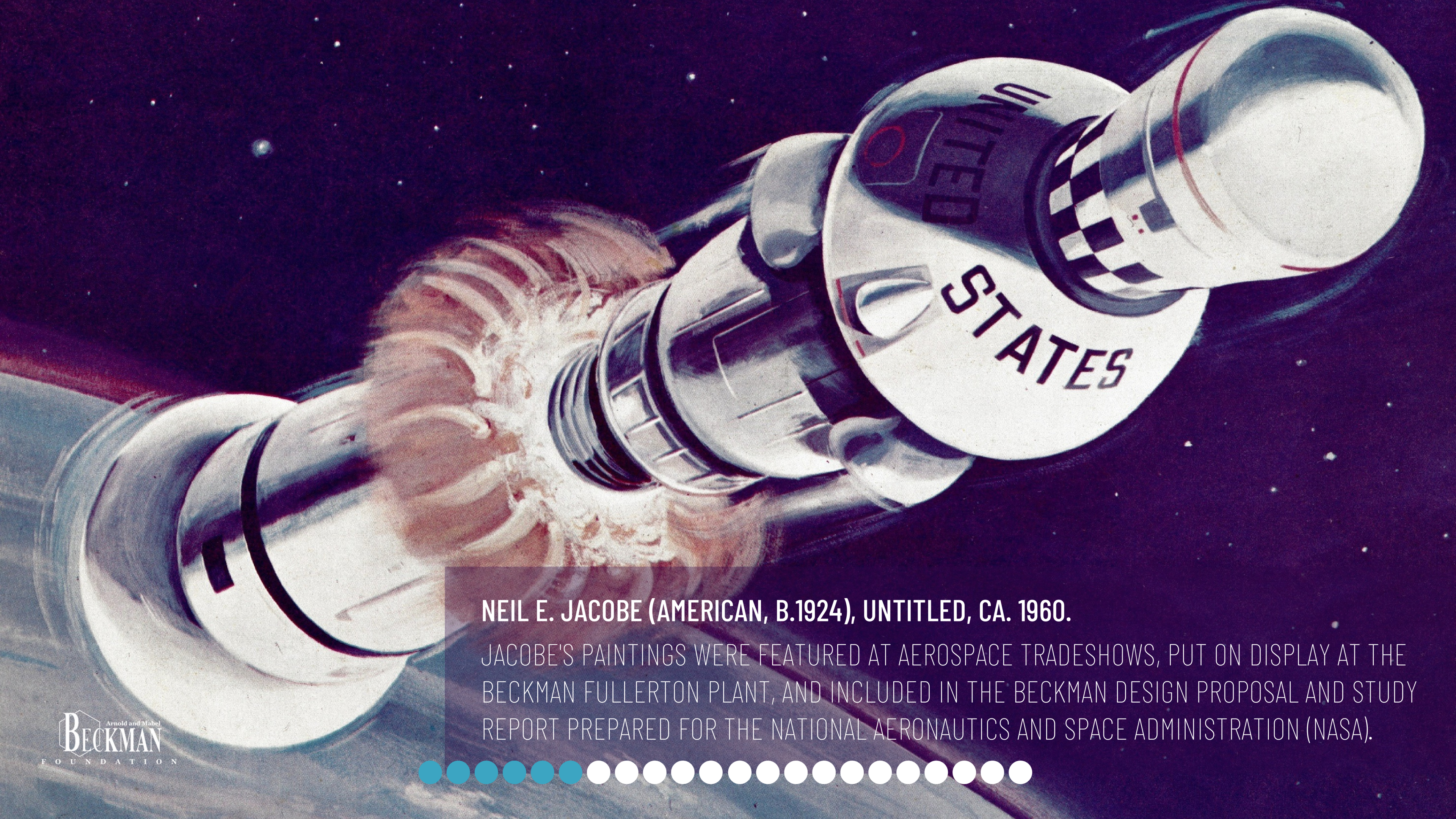


PUBLISHED BY THE SYSTEMS DIVISION OF BECKMAN INSTRUMENTS, THE BECKMAN BITS BOOKLET WAS ISSUED TO BUSINESS AND INDUSTRY CONTACTS AND INCLUDED ARTICLES ABOUT SYSTEMS DIVISION PRODUCTS AND THEIR APPLICATIONS.

THE 1964-65 BOOKLET, VOL. IV, NO. 1 (LEFT) FOCUSED EXCLUSIVELY ON CONTRIBUTIONS TO THE DEVELOPMENT OF NASA'S PROGRAM TO PUT MAN ON THE MOON, PROJECT APOLLO. THE PROGRAM INVOLVED 300,000 PEOPLE FROM 20,000 COMPANIES IN THE UNITED STATES AND AROUND THE WORLD. COVER ARTWORK ILLUSTRATED THE PLANNED STAGES OF THE MISSION AND DEPICTED A MOON LANDING WHERE CREW COULD EXIT THE SPACECRAFT AND EXPLORE THE SURFACE.

"THE SELECTION OF BECKMAN EQUIPMENT FOR USE IN PROJECT APOLLO IS FAIR TRIBUTE TO THE INTEGRITY OF THE BECKMAN ORGANIZATION AND THE RELIABILITY AND ACCURACY OF ITS MANY PRODUCTS - PRODUCTS WHICH ARE BEING USED IN SCIENCE AND INDUSTRY THROUGHOUT THE WORLD," IT READ.





NEIL E. JACOB (AMERICAN, B.1924), UNTITLED, CA. 1960.

JACOB'S PAINTINGS WERE FEATURED AT AEROSPACE TRADESHOWS, PUT ON DISPLAY AT THE BECKMAN FULLERTON PLANT, AND INCLUDED IN THE BECKMAN DESIGN PROPOSAL AND STUDY REPORT PREPARED FOR THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA).



ENVIRONMENTAL SCIENCES INSTRUMENTATION CAPABILITIES BOOKLET



THIS 1975 BOOKLET PROVIDED A GLIMPSE INTO BECKMAN INSTRUMENTS' RESEARCH AND DEVELOPMENT PROGRAMS AND TOUTED THEIR WIDE RANGING CAPABILITIES AND EXPERTISE - ESPECIALLY IN ENVIRONMENTAL SCIENCES INSTRUMENTATION, SUCH AS THEIR "SERIES OF SPECTROPHOTOMETERS FOR MEASURING BACKSCATTERED SOLAR ULTRAVIOLET RADIATION."

AT THE TIME OF ITS PUBLICATION AS A MARKETING PIECE, THE COMPANY HAD JUST COME OFF A YEAR WHERE IT LED U.S. COMPANIES IN DEVELOPING AND LAUNCHING NEW PRODUCTS, AND, AMONG INTERNATIONAL COMPANIES, HAD INTRODUCED THE SECOND MOST NEW PRODUCTS. IN FACT, BECKMAN INSTRUMENTS HAD ALREADY BEEN USED ON THE NIMBUS-4 SATELLITE IN 1970 AND WERE SCHEDULED FOR USE IN THE 1975 VIKING MARS LANDER AND 1978 NIMBUS-G.

