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Mars and Beyond

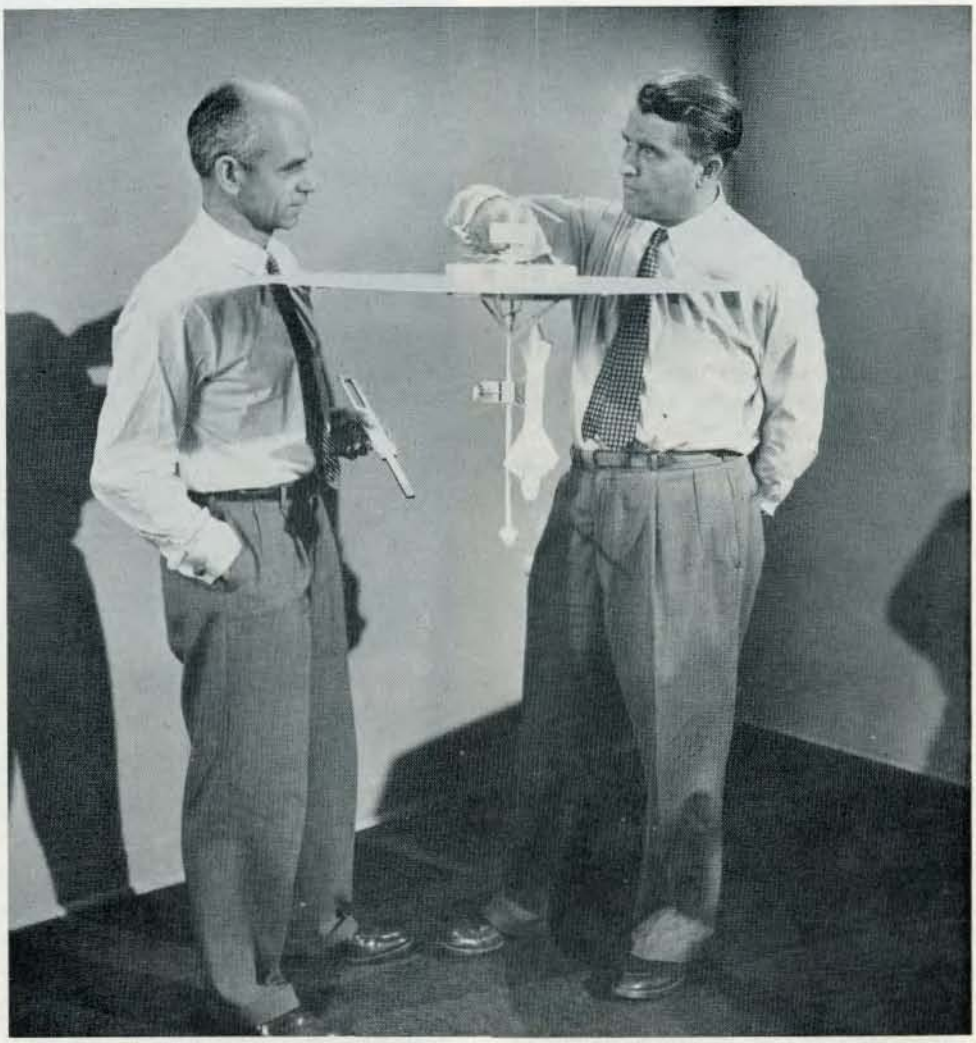
Rocket City Astronomical Association

Space Enterprises, Inc.

"mars and beyond"

ON DECEMBER 4th of last year, viewers of ABC-TV's "Disneyland" hour watched the third of Walt Disney's *Tomorrowland* space series unfold. *Mars and Beyond,* in the 48-minute documentary "science-factual" format, surpasses its two excellent predecessors, *Man in Space* and *Man and the Moon.*

Now being released in Technicolor for theatrical distribution, *Mars and Beyond* represents the culmination of two years' research, writing and artistic endeavor by



Dr. Ernst Stublinger, a leading scientist in the rocket and guided missile field (left,) and Dr. Wernher von Braun, rocket engineer (right), confer on a scale model of the atomic-electric space ship that would make possible the long trip to Mars in this scene from Walt Disney's MARS and BEYOND.

a dozen Disney specialists, under the versatile direction of Ward Kimball. The film assails the enormous subject of life on other worlds, first by a cartoon sequence tracing man's cosmic speculations throughout history, then by a sober view of contemporary scientific hypothesis and conjecture.

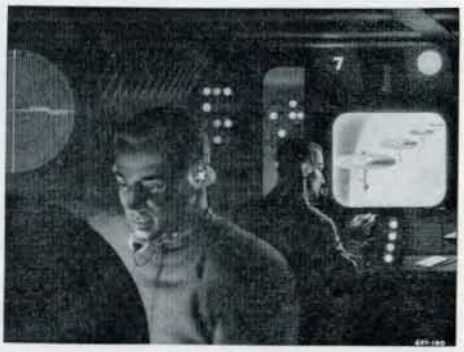
Evolution of the solar system and life, the conditions of man and his environment, and the conditions he may expect on other planets are considerations which form the main thread leading us to the red planet as the only other habitable sphere within our solar family. After a dramatic perusal of facts and speculation on Mars and its mysteries, conducted by Lowell Observatory's Dr. Earl C. Slipher, a method of space flight new to the general public is presented: the ion propulsion system devised by Dr. Ernst Stuhlinger.

In a simulated trip to the fourth planet, the atomic-electric spaceship and its orbit are brought out in animated illustration which captures the imagination. The accurate presentation, careful attention to detail, and concise narration establish Dr. Stuhlinger's hardware as a revolutionary but sound means of extraterrestrial navigation. In telescoping the year-and-a-half voyage into a few minutes on the screen, *Mars and Beyond* achieves the dreamlike reality of a Chesley Bonestell painting brought to life.

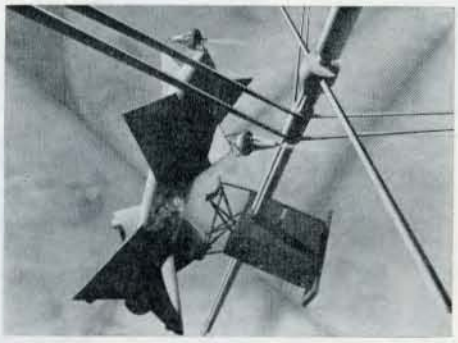
The outstanding virtue of this motion picture is perhaps its success in presenting a difficult subject to so wide an audience. *Time,* in a review of unusual praise, points out, "They did not confuse the popular with the vulgar, avoided the error of talking down to the viewer."

SPACE Journal recommends *Mars and Beyond* to all astronauts who want to introduce their neighbors to the age of space. For those who saw it on television, you will be surprised at the added dimension afforded by a large screen and the superb color for which it was designed.

Its descent slowed by a drag chute, a Martian landing craft nears the surface of Mars.



Crew members of a Martian ship observe on a television screen the progress of the line of the other ships in the first expedition to the planet Mars.



Crew members in bottle suits move the rocket landing craft away from the Martian ship and into position prior to attempting the hazardous 600 mile drop to the Martian surface.