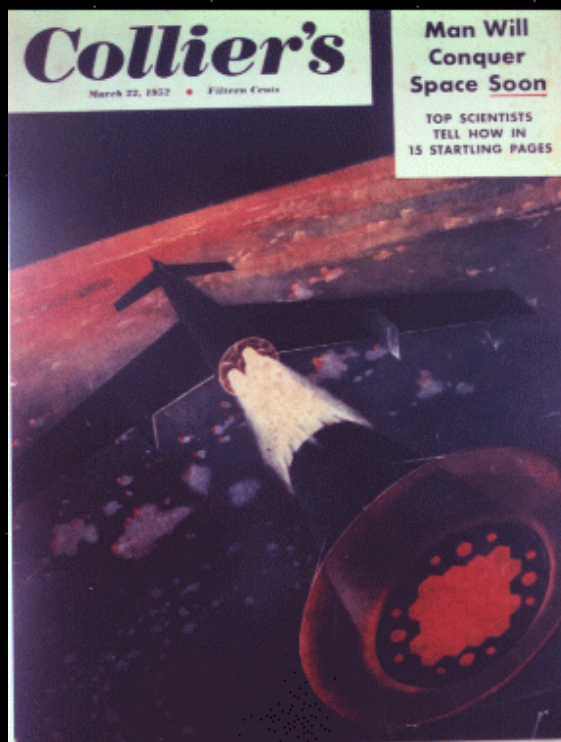


# THE SPACE EDUCATORS' HANDBOOK

## SCIENCE FICTION TO SCIENCE FACT EXHIBIT

### GALLERY OF COLLIER'S COVER SPACE TECHNOLOGY



Collier's - March 22, 1952 (Volume 129 No.2)

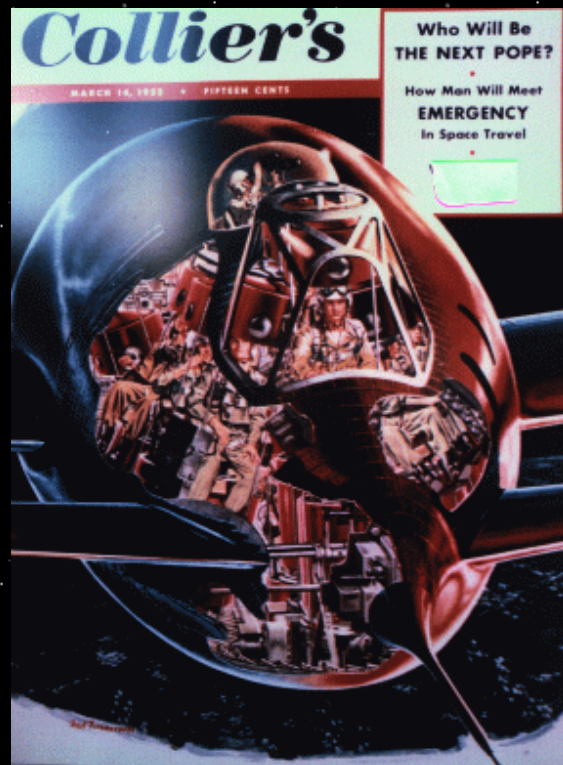
#### DISCUSSION

The model displayed in the JSC Science Fiction to Science Fact Exhibit in the above left photo was featured on the cover art of the March 22, 1952 issue of Collier's magazine. As envisioned by Wernher von Braun, the booster was to be a three stage vehicle standing 265 foot tall. With a base of 65 feet in diameter, the rocket's overall weight was to be 14,000,000 pounds. The cover of Collier's depicts the separation of the first stage with its fifty-one rocket motors having combined to provide a lift-off thrust of 14,000 tons during its 84 seconds of operation. The cover shows the 34 second stage rocket motors at work with 1,750 tons of thrust being provided for 124 seconds. Atop the second stage, the third or final stage carried the astronauts, their equipment and the payload. The third stage's five rockets yielded 220 tons of thrust for a 1,075 mile high orbit. The third stage also had wings to be used only during descent through Earth's atmosphere.



Collier's - October 18, 1952 (Volume 130 No. 16)

**DISCUSSION**



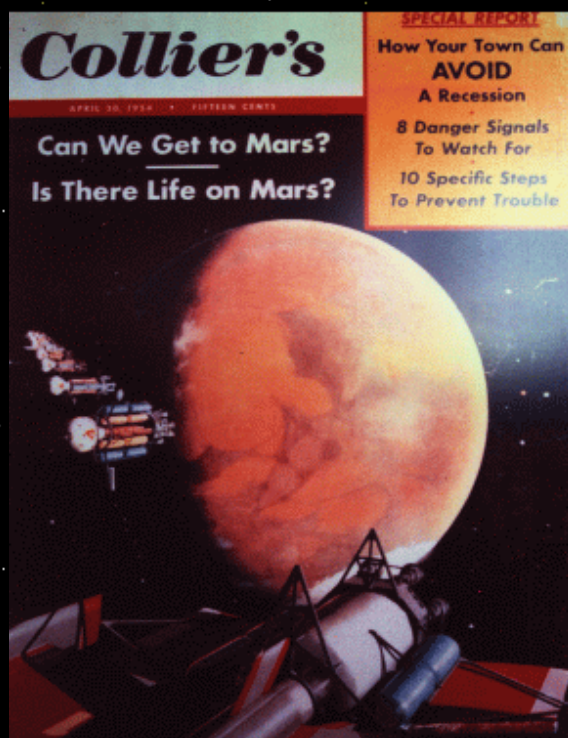
Collier's - March 14, 1953 (Volume 131 No. 11)

**DISCUSSION**



Collier's - June 27, 1953 (Volume 131 No. 26)

### DISCUSSION



Collier's - April 30, 1954 (Volume 133 No. 9)

### DISCUSSION

[Sketches of Manned Mars Landing and Launch Concept](#)

[Sketches of Crew Rescue Capsule](#)

[Sketches of Lunar Landing Vehicle](#)

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