



# T MINUS

the race to the moon

jim OTTAVIANI    zander CANNON    kevin CANNON





UNSUCCESSFUL



DESIGN BUREAU 1, SCIENTIFIC-RESEARCH INSTITUTE NO. 88, DEPARTMENT NO. 3. = The Russian equivalent of NASA.

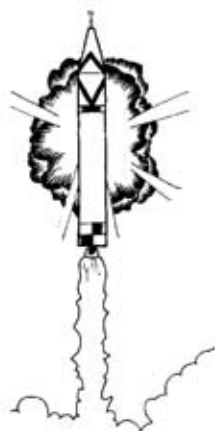


R-7 Semyorka  
May 15, 1957  
T-Minus 12 Years  
Flight duration:  
20 seconds





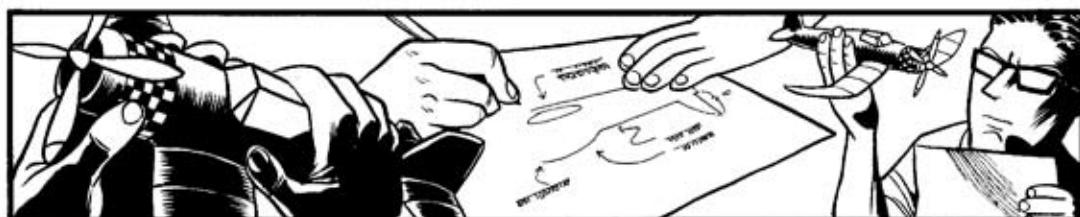
That's right -- in 1950s Russia, a "COMPUTER" was a person! (Usually a woman.)



Jupiter AM-1A  
March 1, 1957  
T-Minus 12 Years  
Flight duration:  
7.4 seconds









PARD = Pilotless Aircraft Research Division... in other words, rockets!



ALL THE ATTENTION IS BECAUSE IT'S THE INTERNATIONAL GEOPHYSICAL YEAR, THAT'S ALL.

**INTERNATIONAL GEOPHYSICAL YEAR = IGY = 1957-1958** – A year when scientists around the world agreed to study the Earth, from pole to pole.



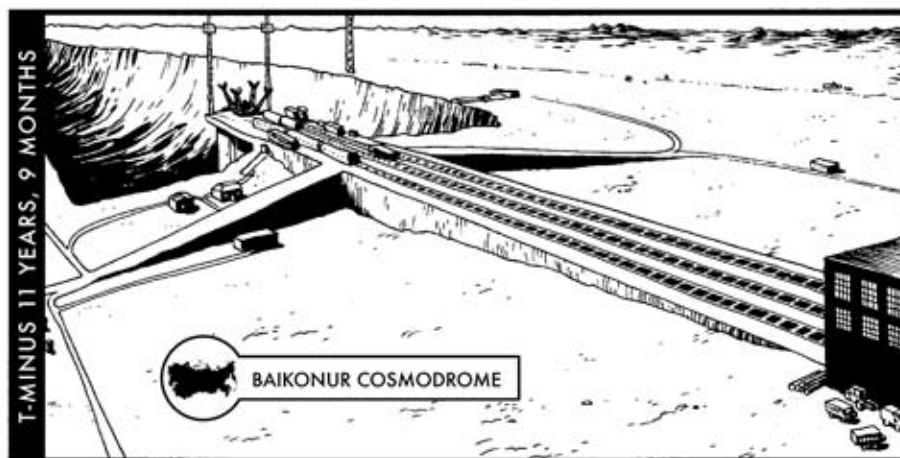
IT'S NOT EVEN A YEAR. IT'S A YEAR AND A HALF.

**IT'S TRUE** -- the ISY was eighteen months long. Those crazy scientists...



THIS IS WHAT I  
THINK: WHY DON'T  
WE PUT A MAN  
ON TOP O' ONE  
OF 'EM?





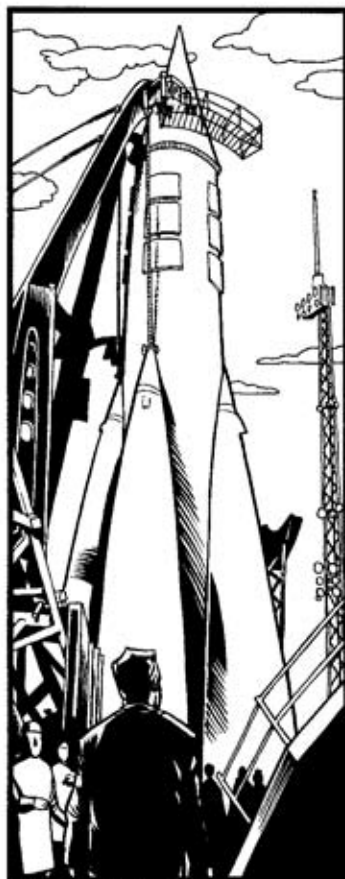
Jupiter AM-1B  
April 26, 1957  
T-Minus 12 Years  
Flight duration:  
93 seconds







The real **SPUTNIK 1**, not the model, weighed 184 lb.

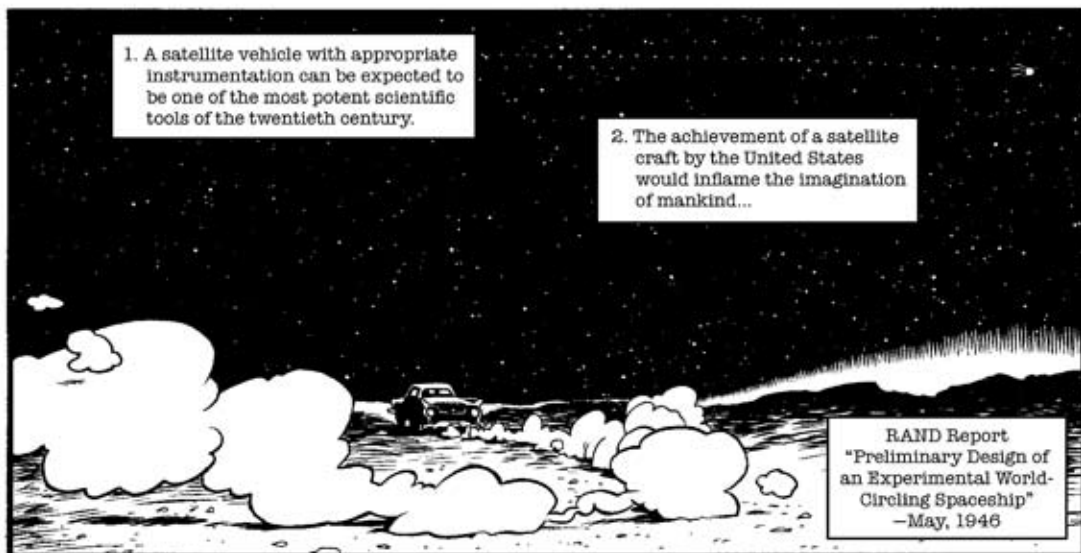
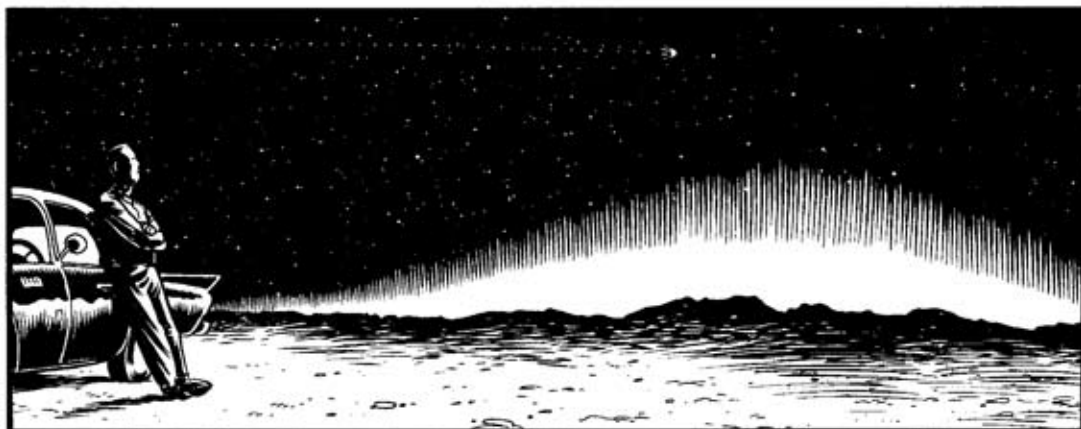


**THE R-7 ROCKET:**  
An impressive 100 ft. tall and 280 tons --  
but only one successful launch so far.











NEXT: C.C. and Max scrunch up some astronauts, the Chief Designer scrunches up some cosmonauts, and the race is on!

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