

Waren Menschen auf dem Mond?

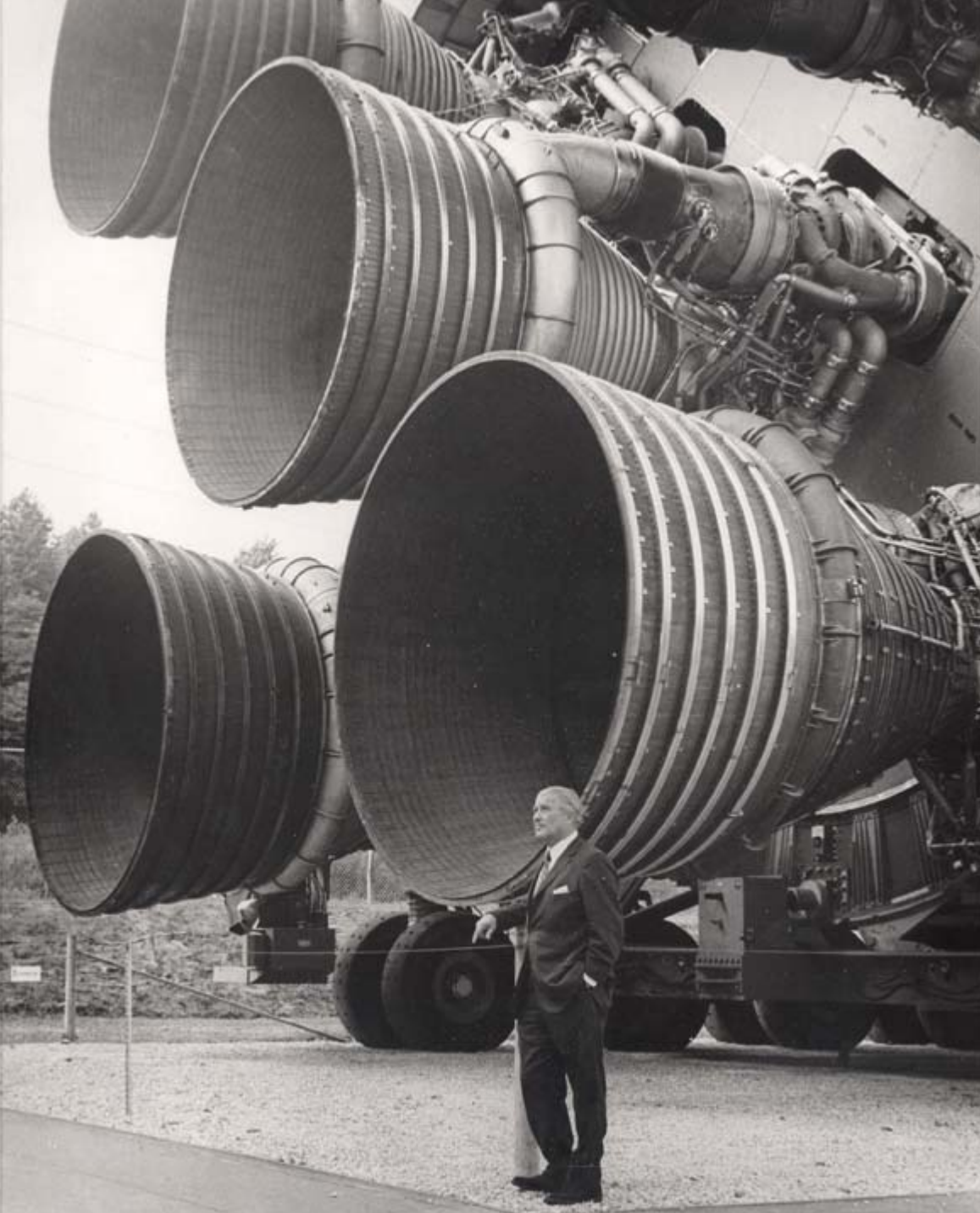
Das Projekt Apollo zwischen Fakten und Verschwörungstheorien

Rainer Kresken
Mannheim, 22.3.2007

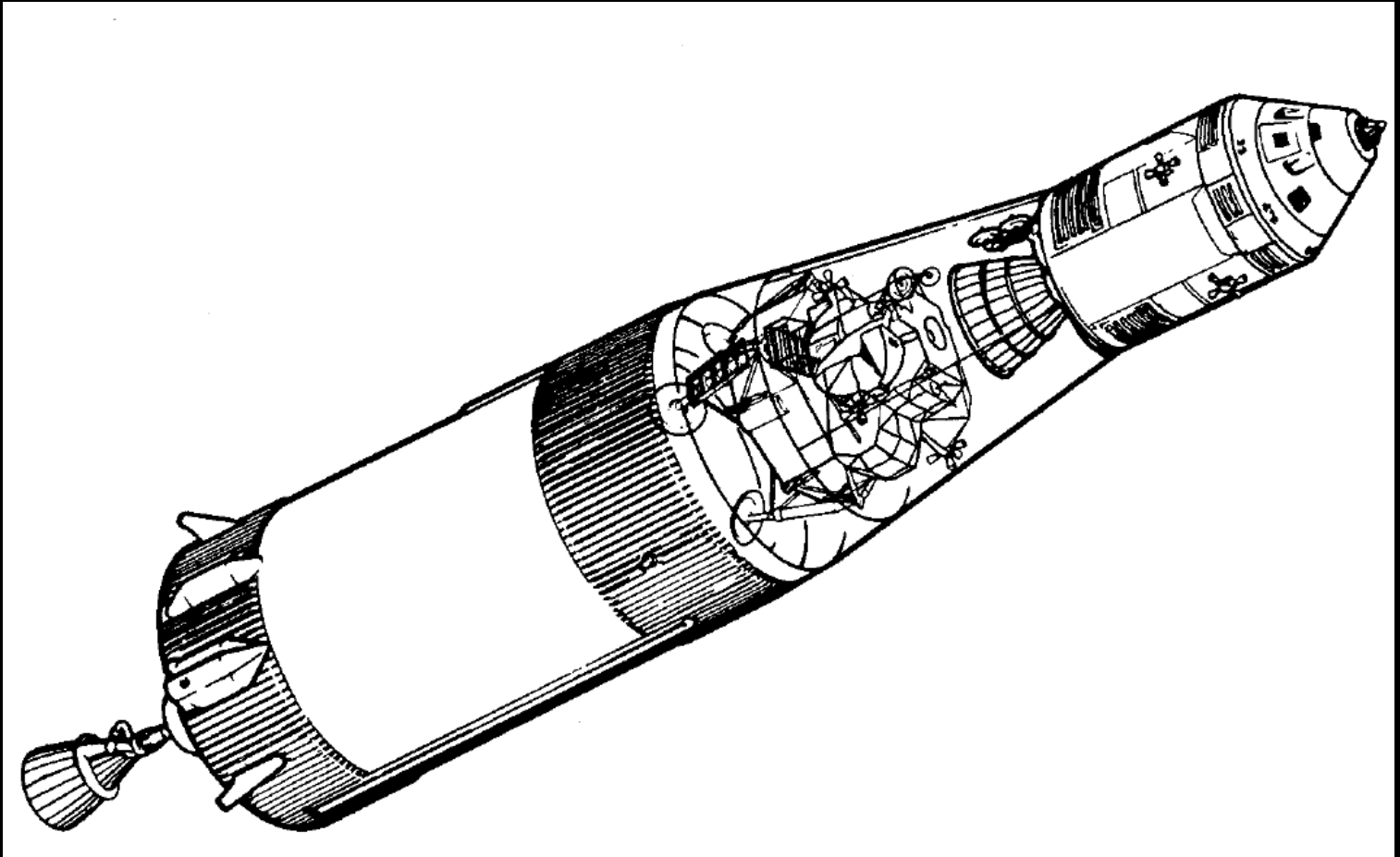


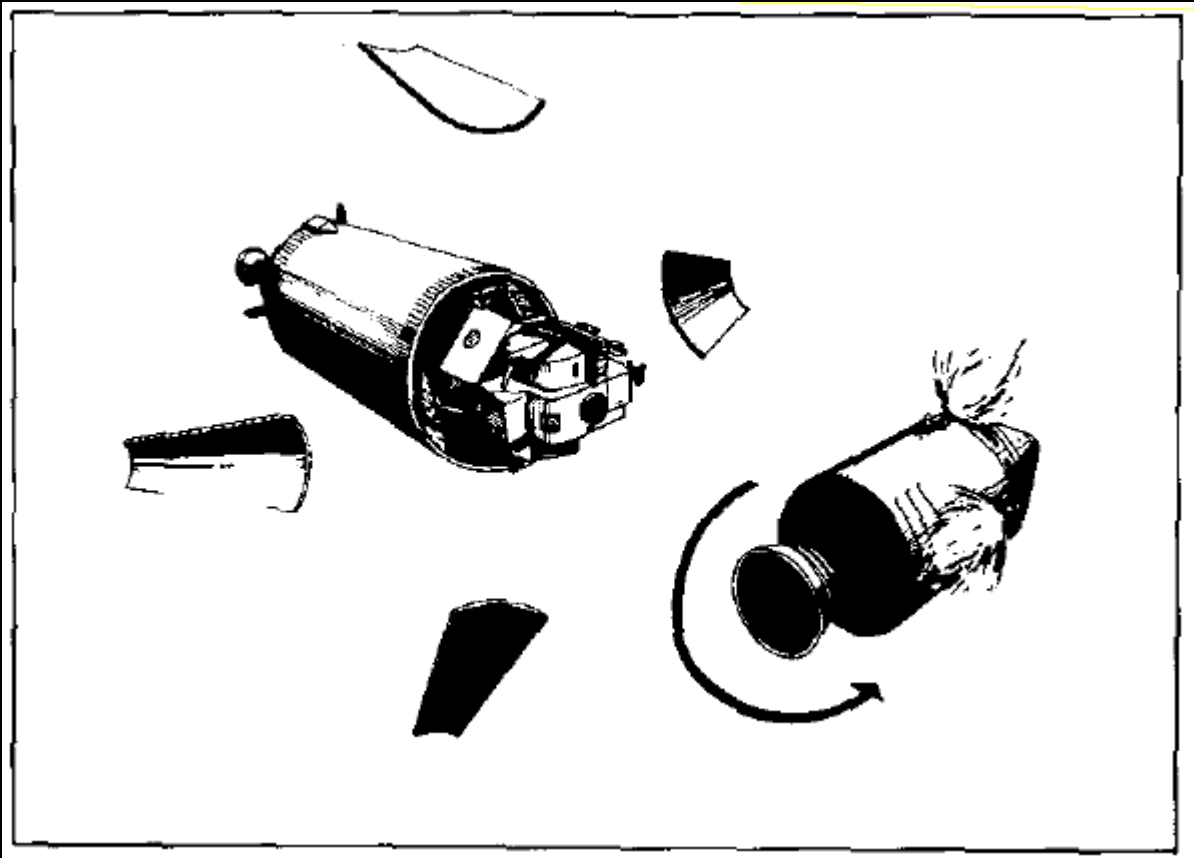
Saturn V

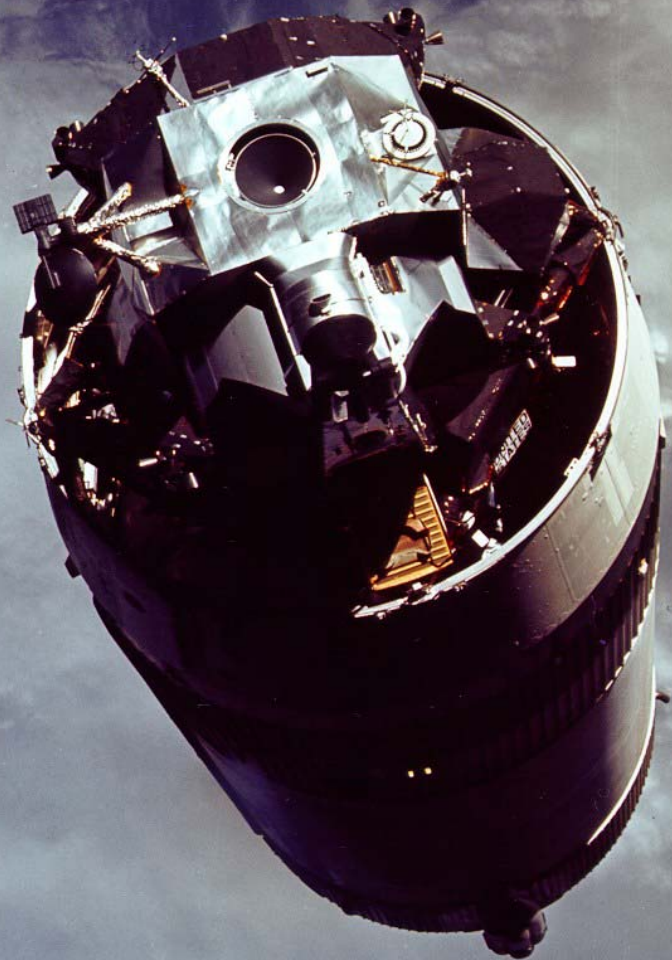
- 110 m hoch
- 3038 t
- 33400 kN
(3400 t)
- 12 t/s

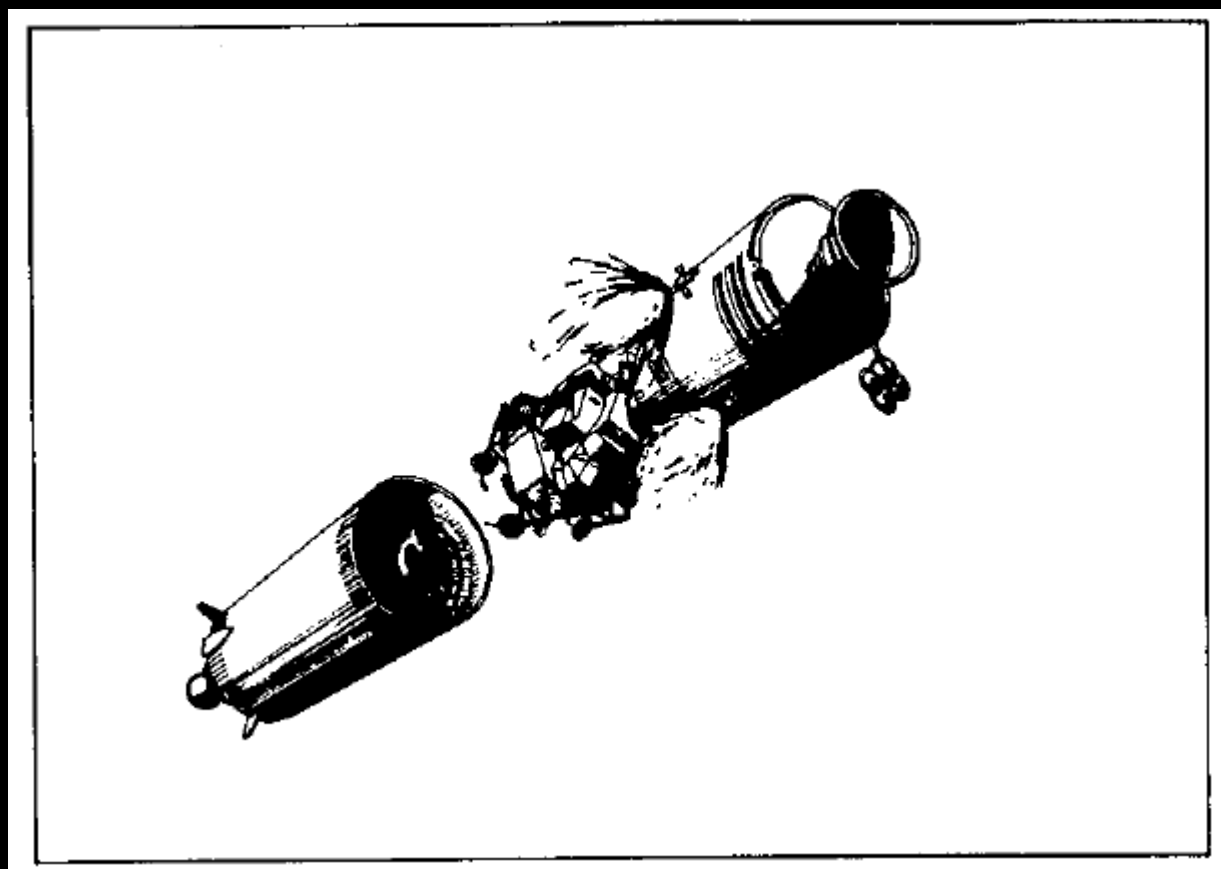


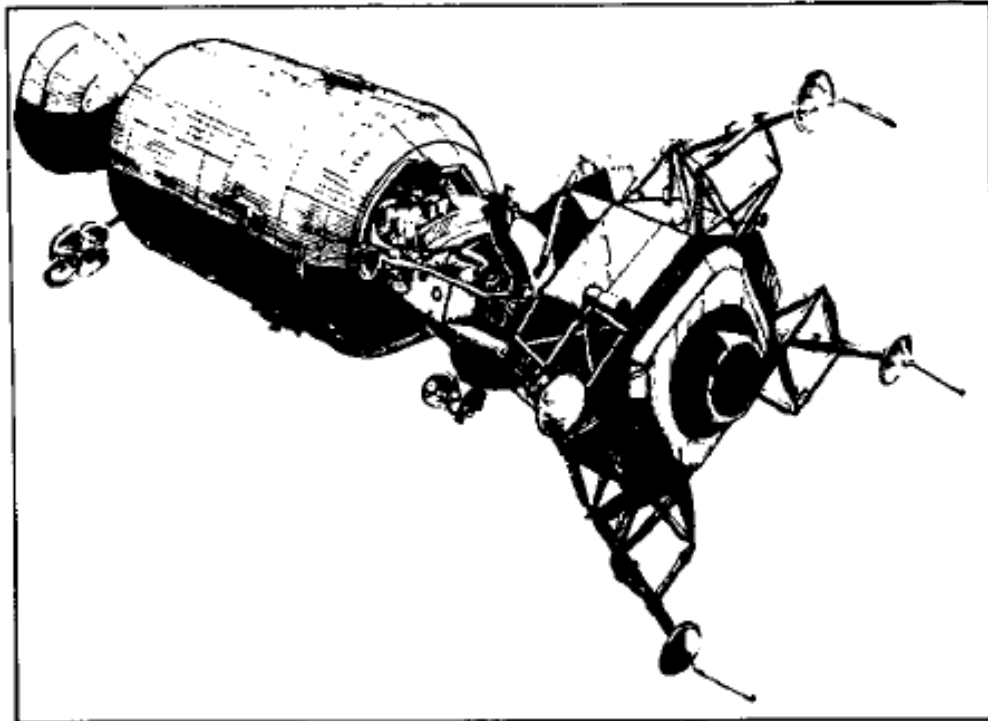




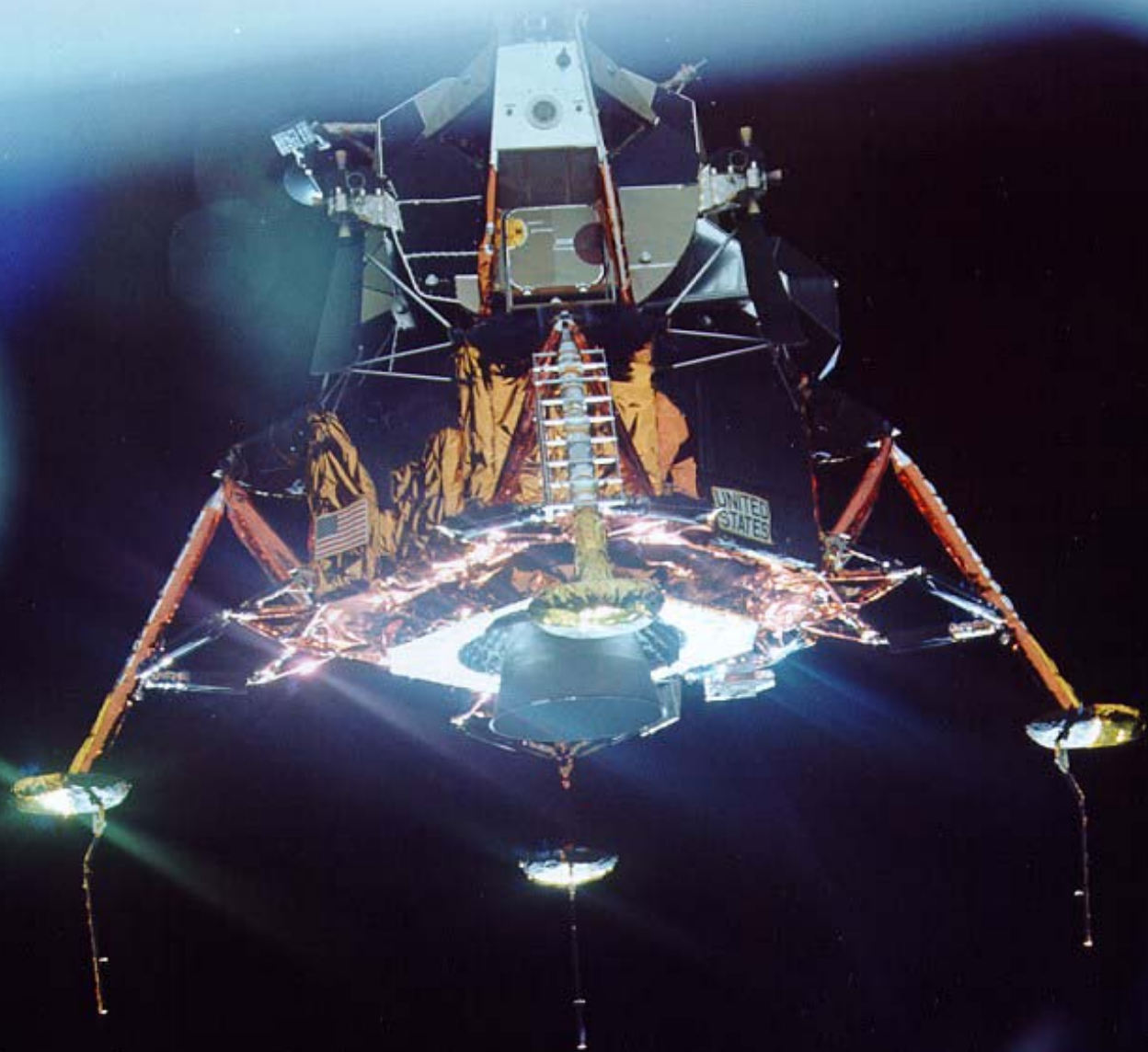




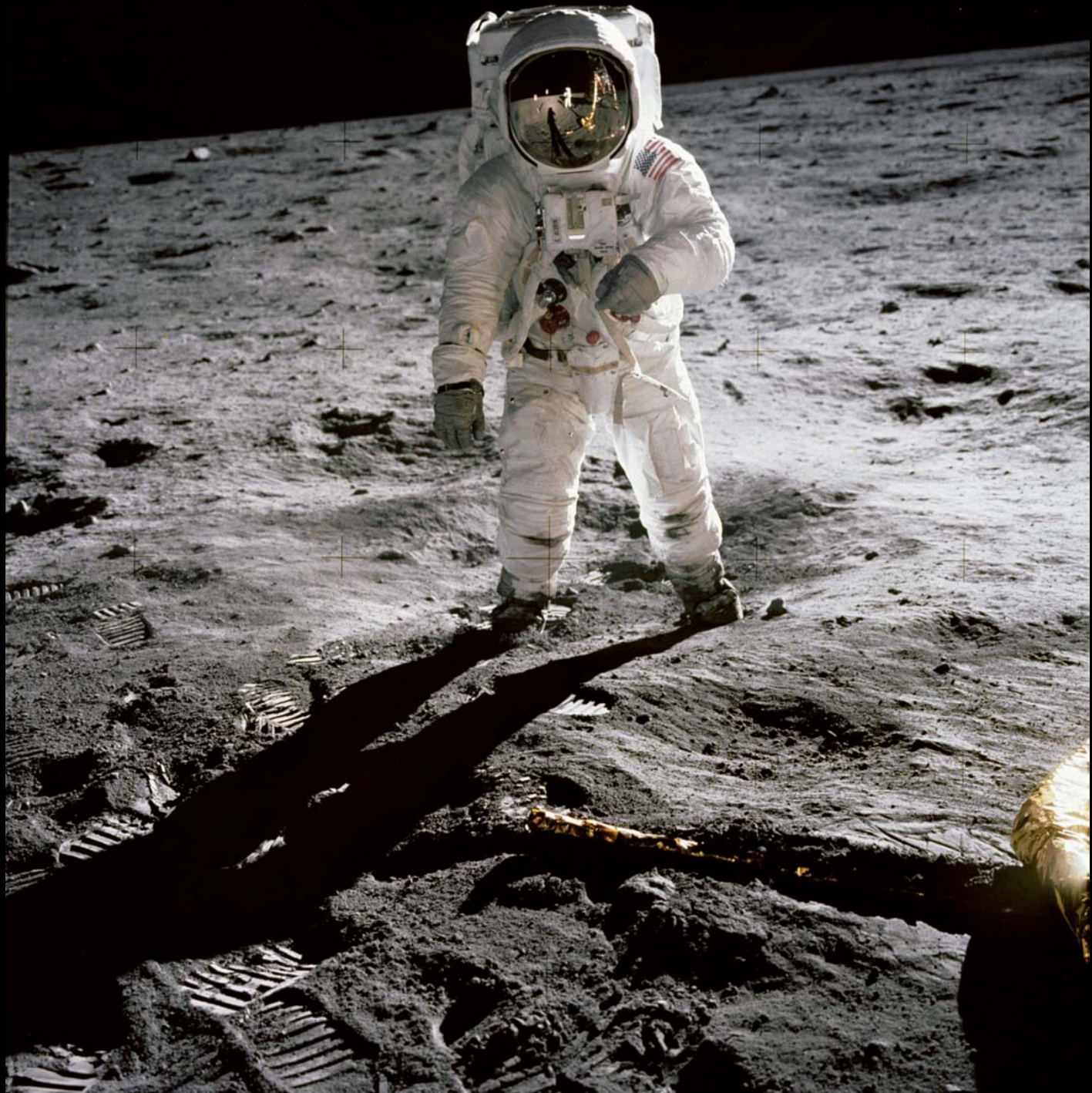


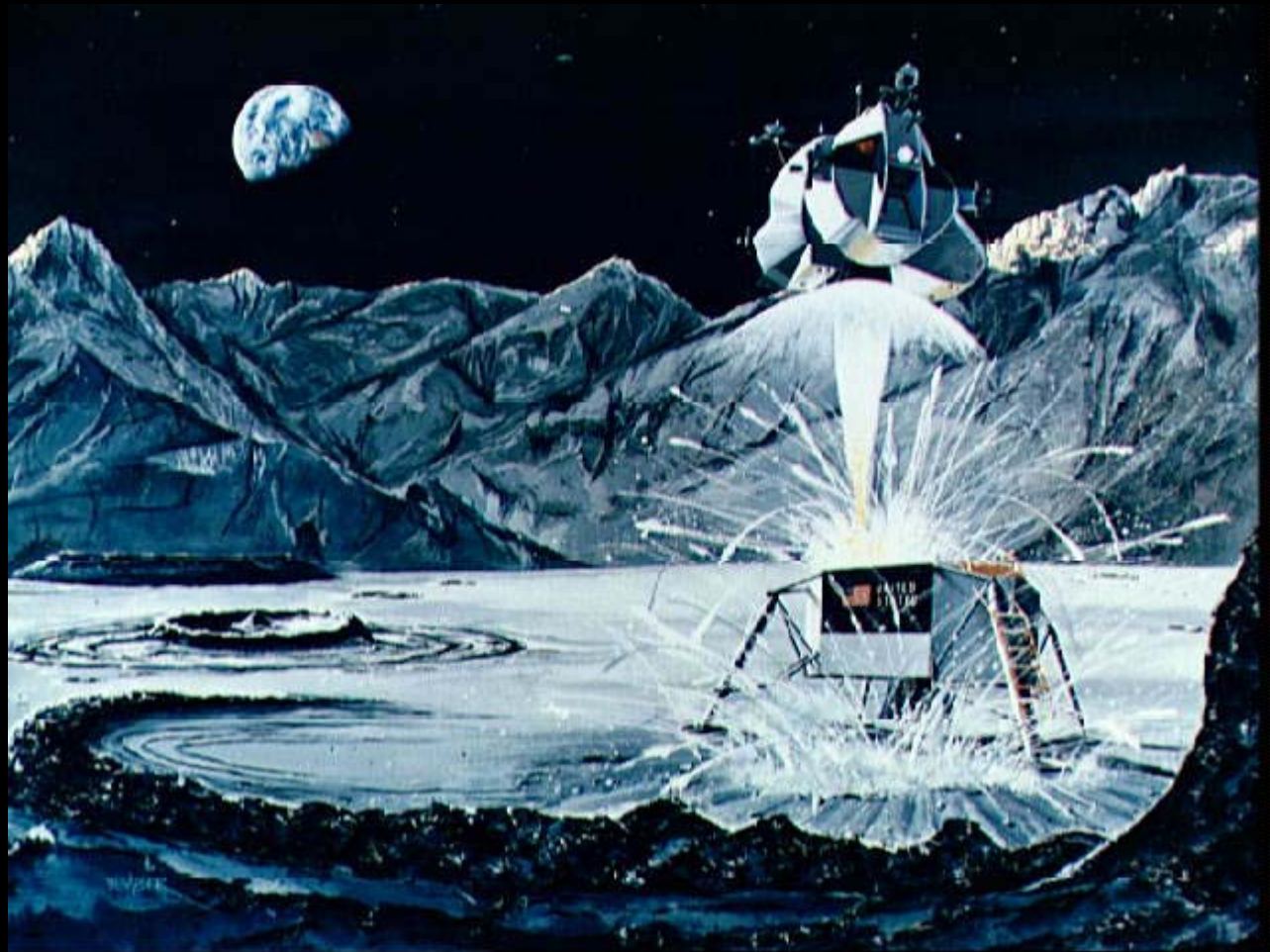


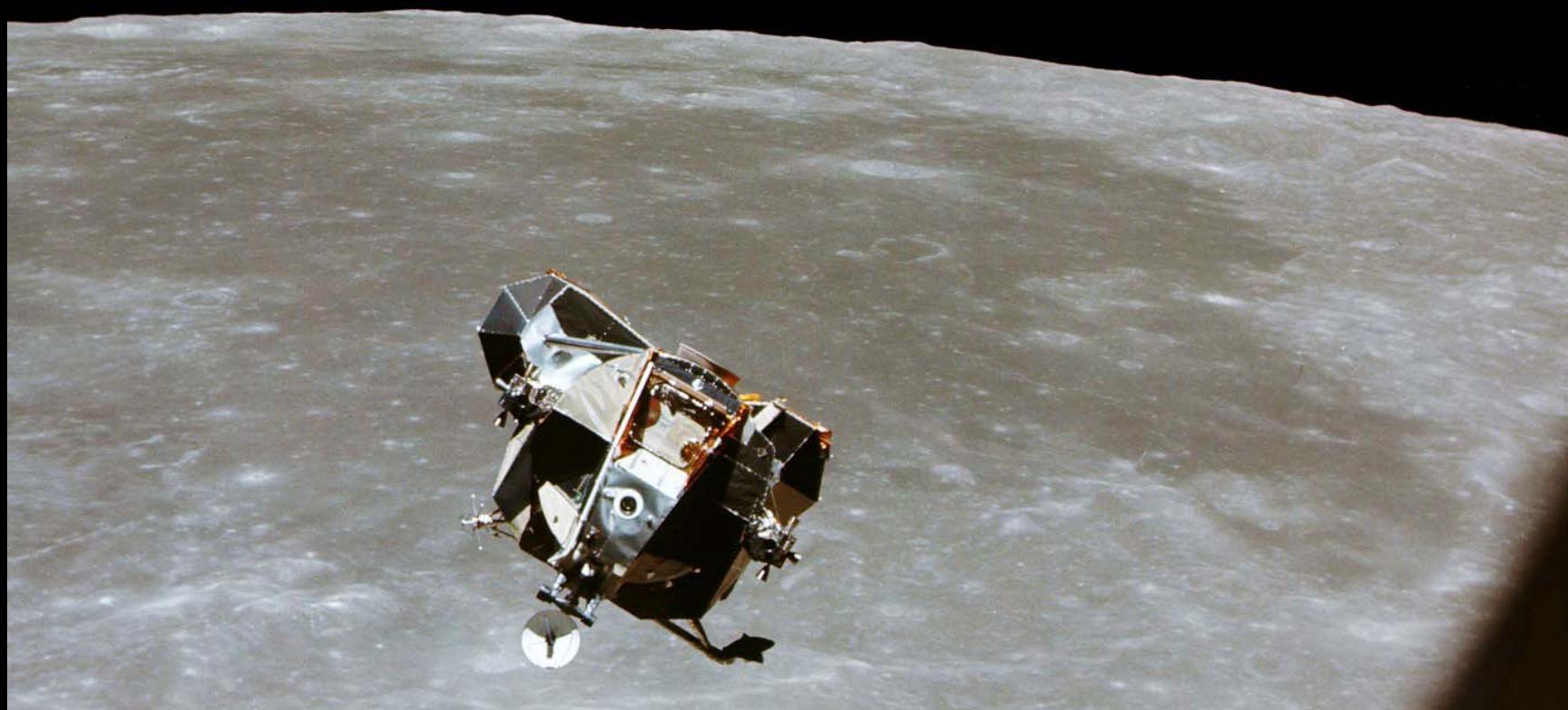
Transfer To LM

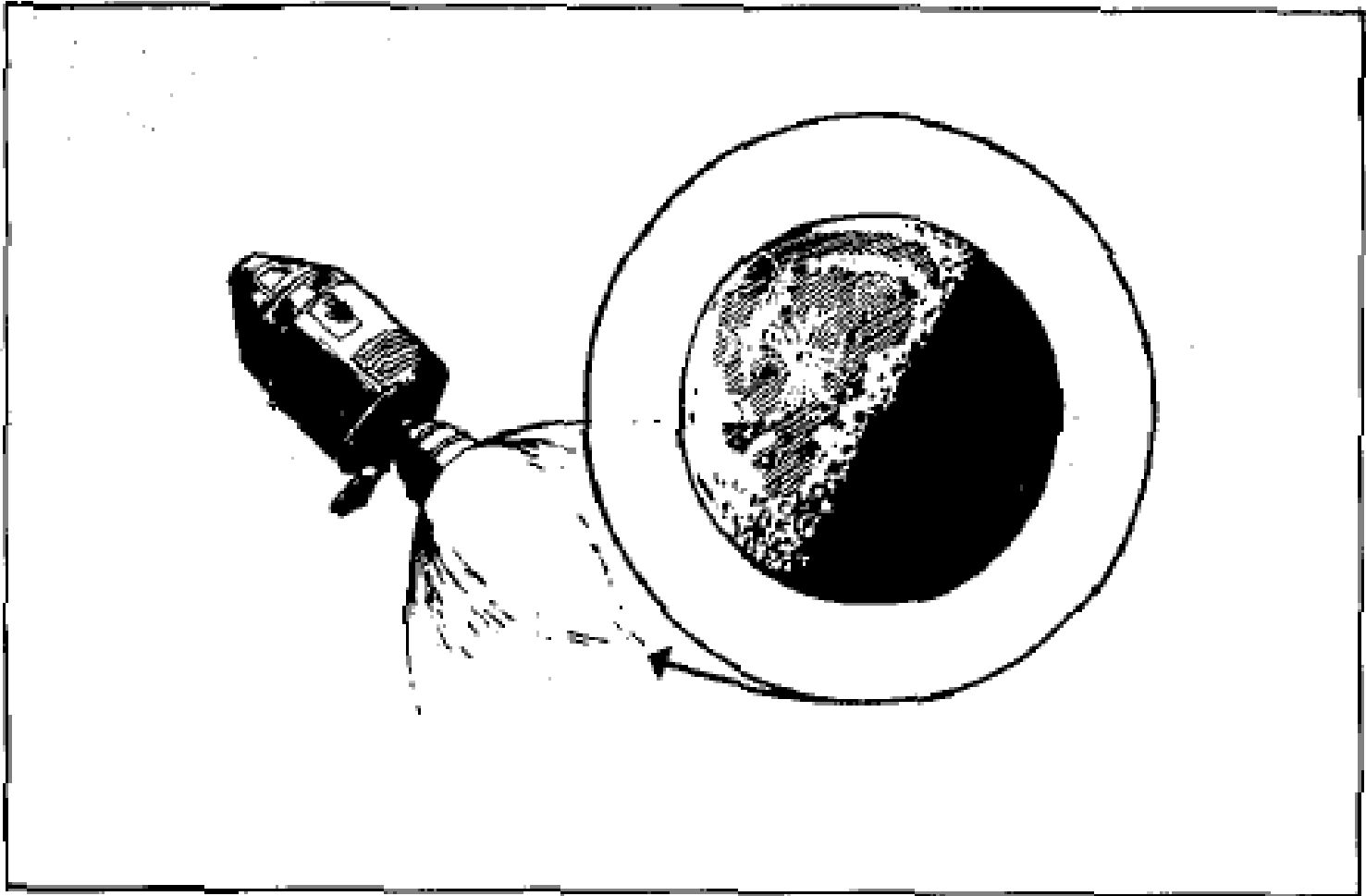












Transearth Injection



Angebliche Motivation der “Fälscher”?

- Kennedy hatte eine Mondlandung bis zum Ende des Jahrzehnts versprochen
- Man wollte vor den Russen auf dem Mond sein, hatte aber nicht die technischen Möglichkeiten

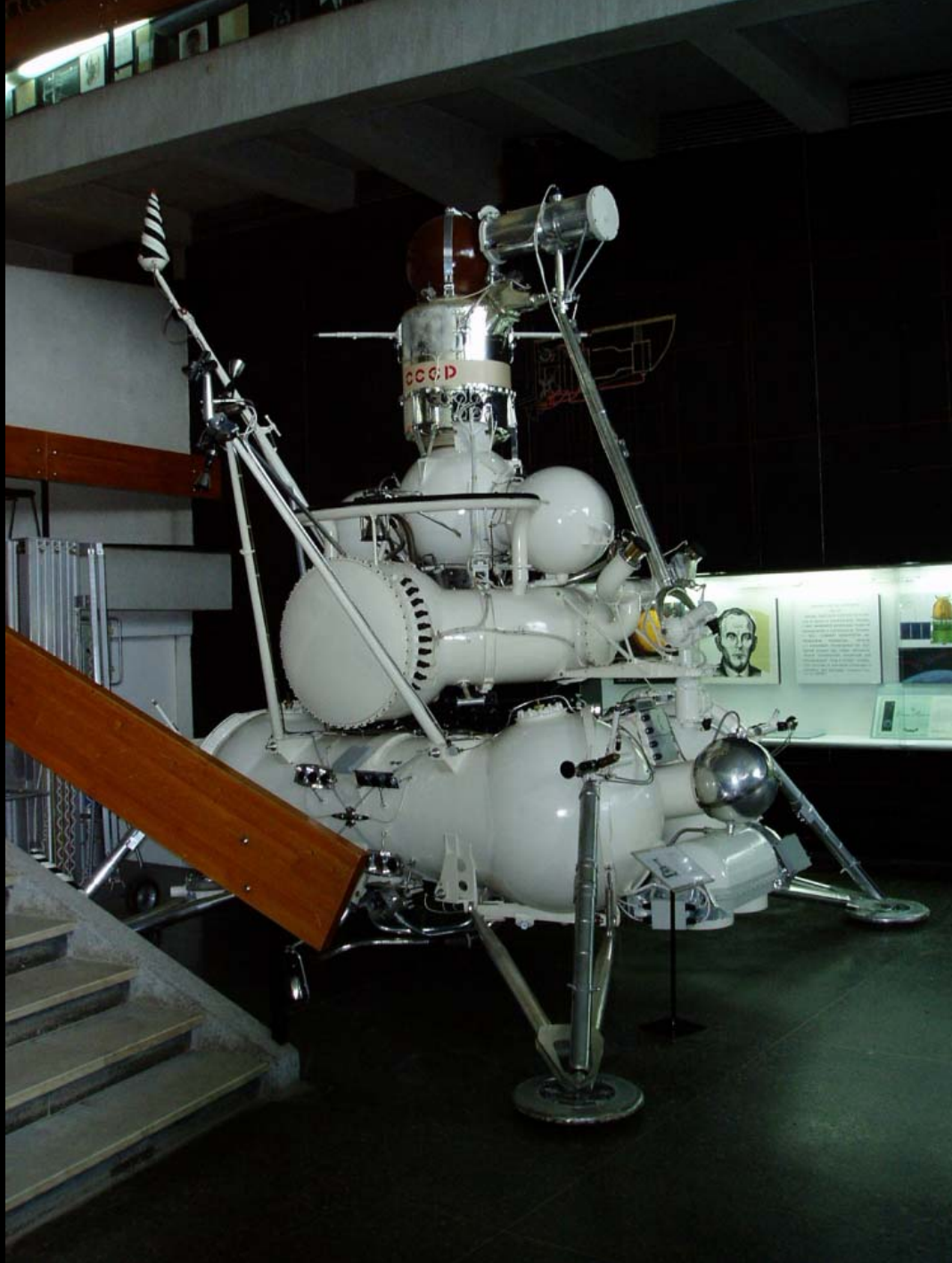


Verschwörung?

- Etwa 500.000 Menschen arbeiteten 1969 für das Projekt Apollo!
- Kein einziger Mitarbeiter des Projektes hat sich je an die Öffentlichkeit gewandt!
- Todesdrohungen?
- Bestechung?

Welche Beweise gibt es
heute noch?

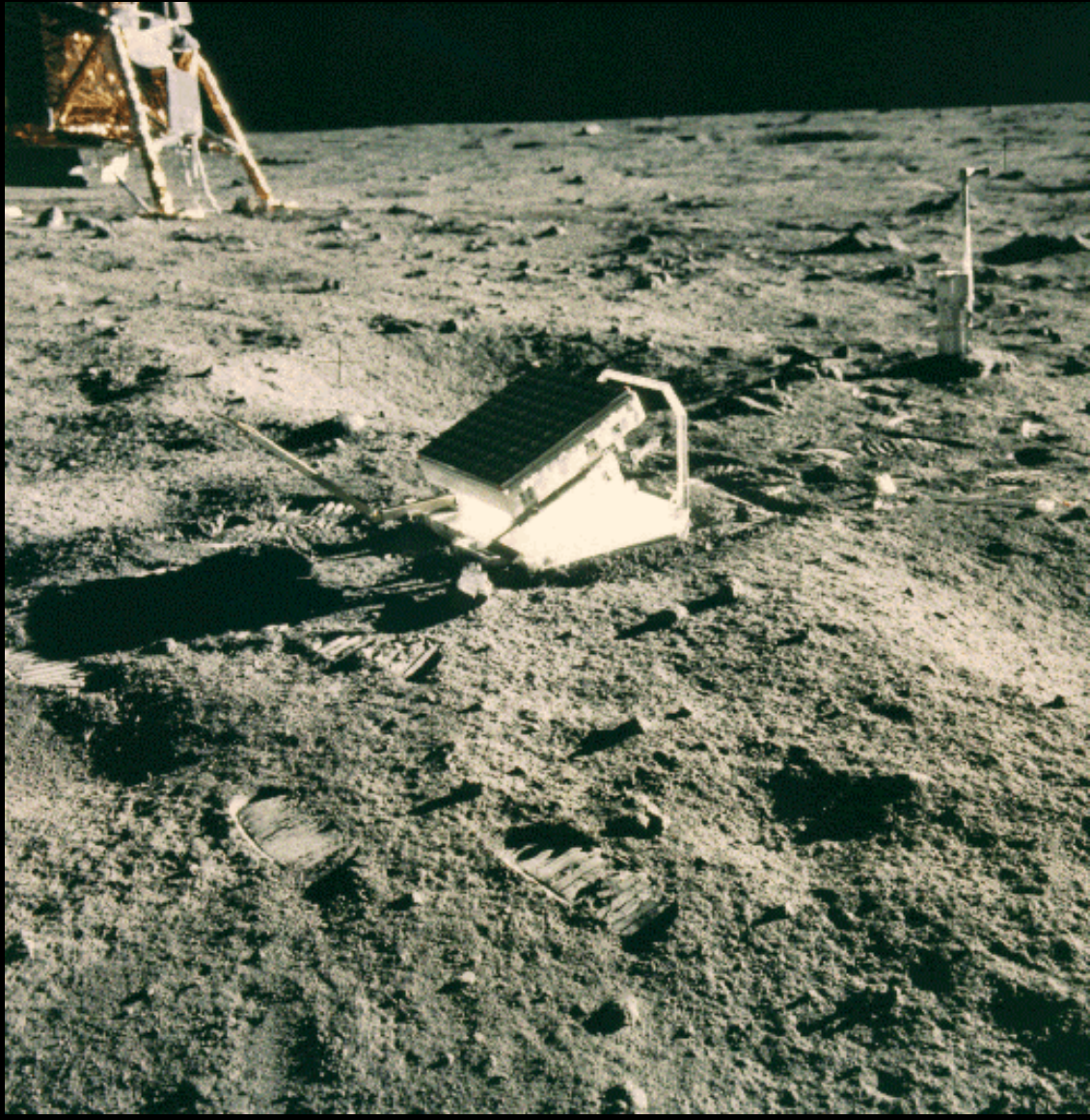


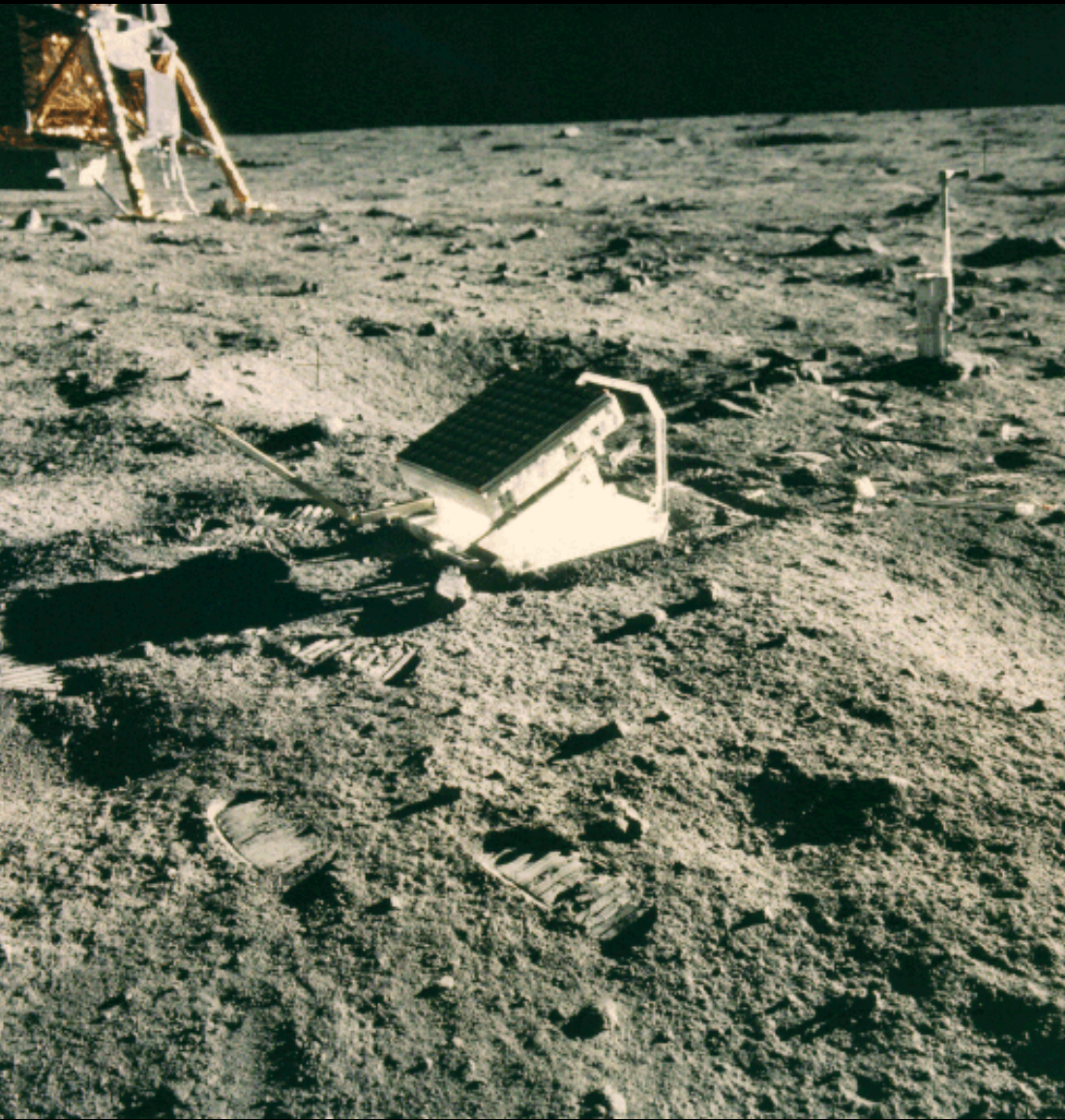


12.9.1970
Luna 16

14.2.1972
Luna 20







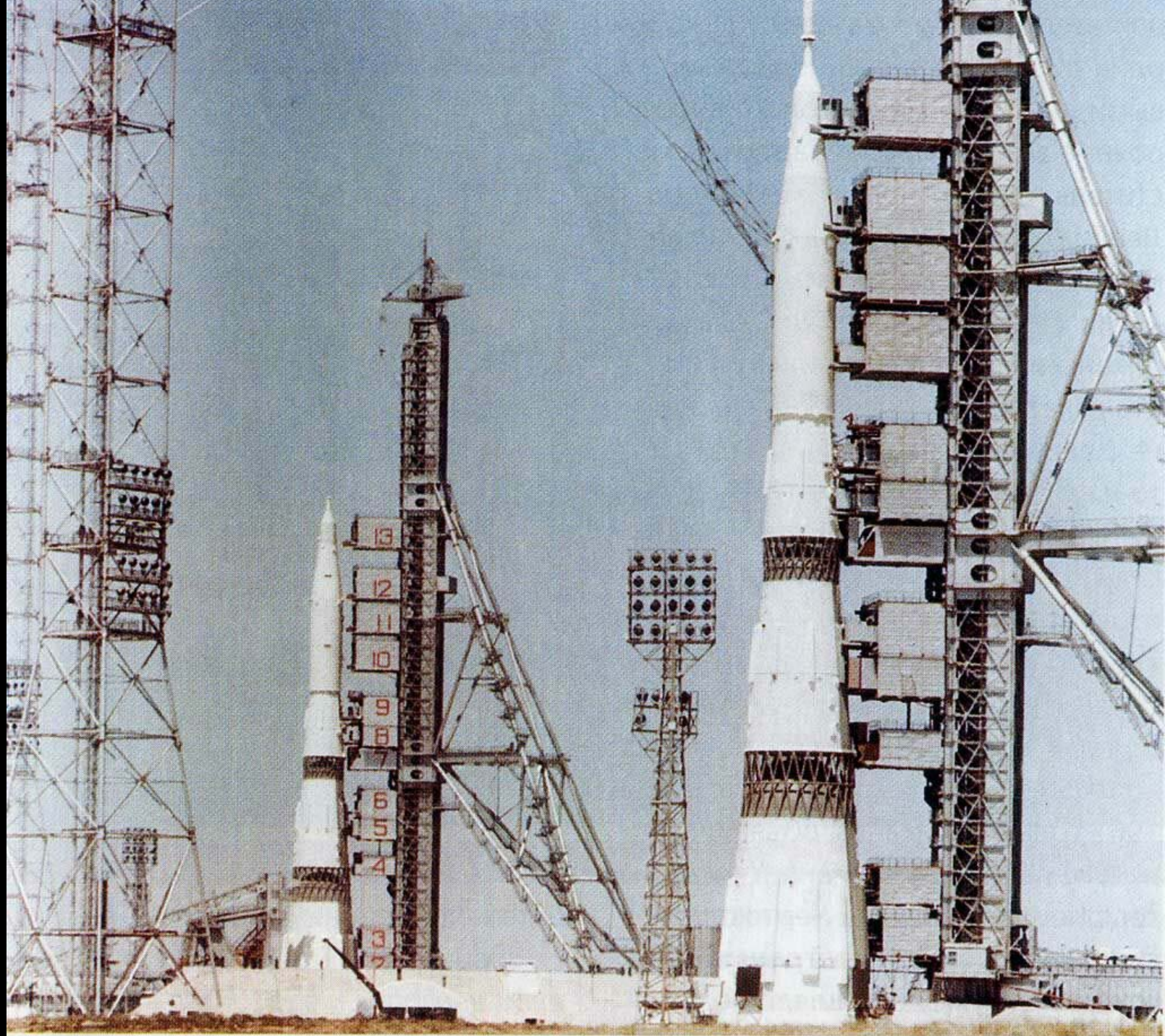
Der Kronzeuge

- Er war bestens informiert
- Er war unabhängig von der NASA und der Regierung der USA
- Er konnte nicht durch Drohungen eingeschüchtert werden
- Er hätte grosses Interesse an der Aufdeckung einer Verschwörung gehabt



Leonid Iljitsch Breschnew
1906-1982





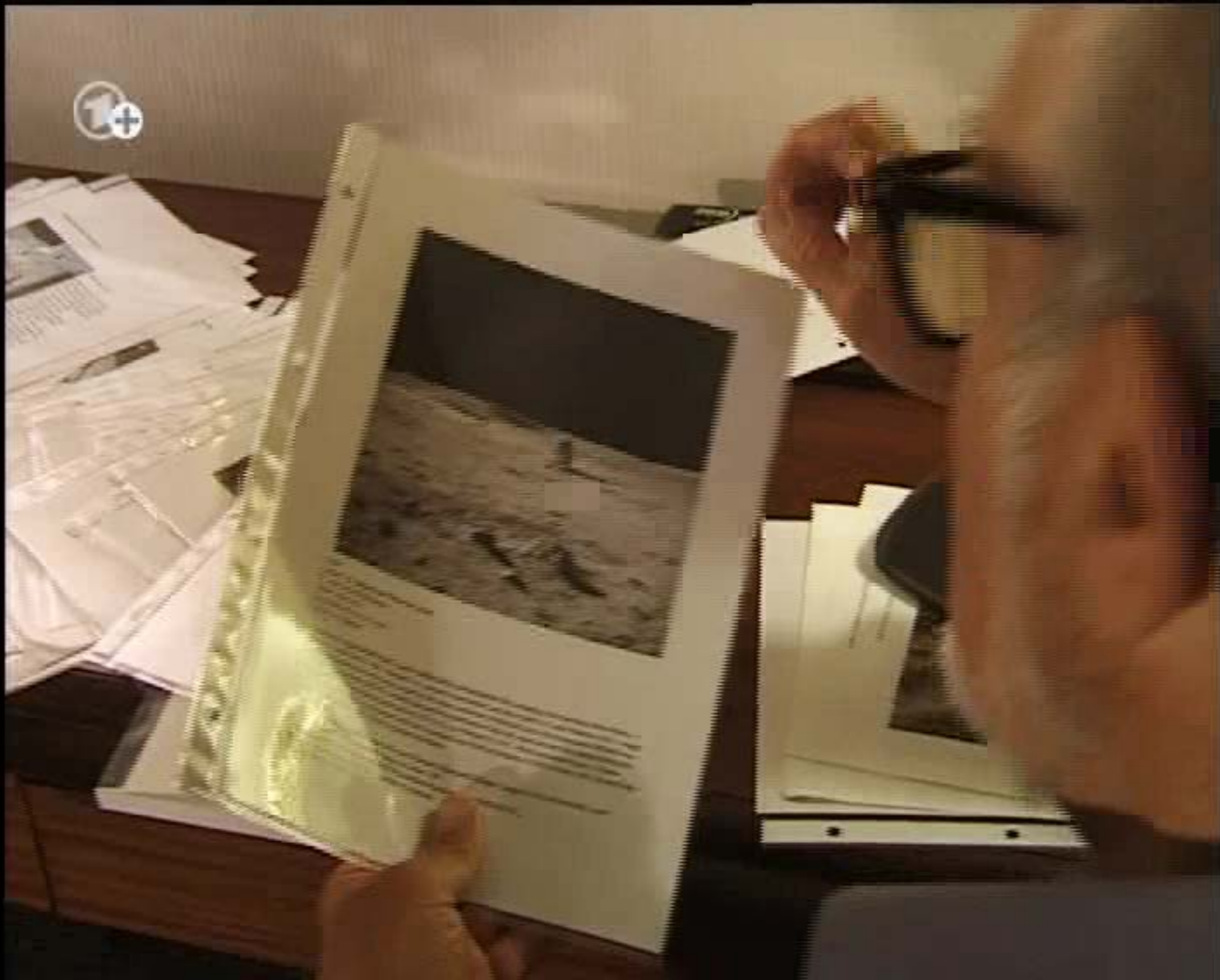


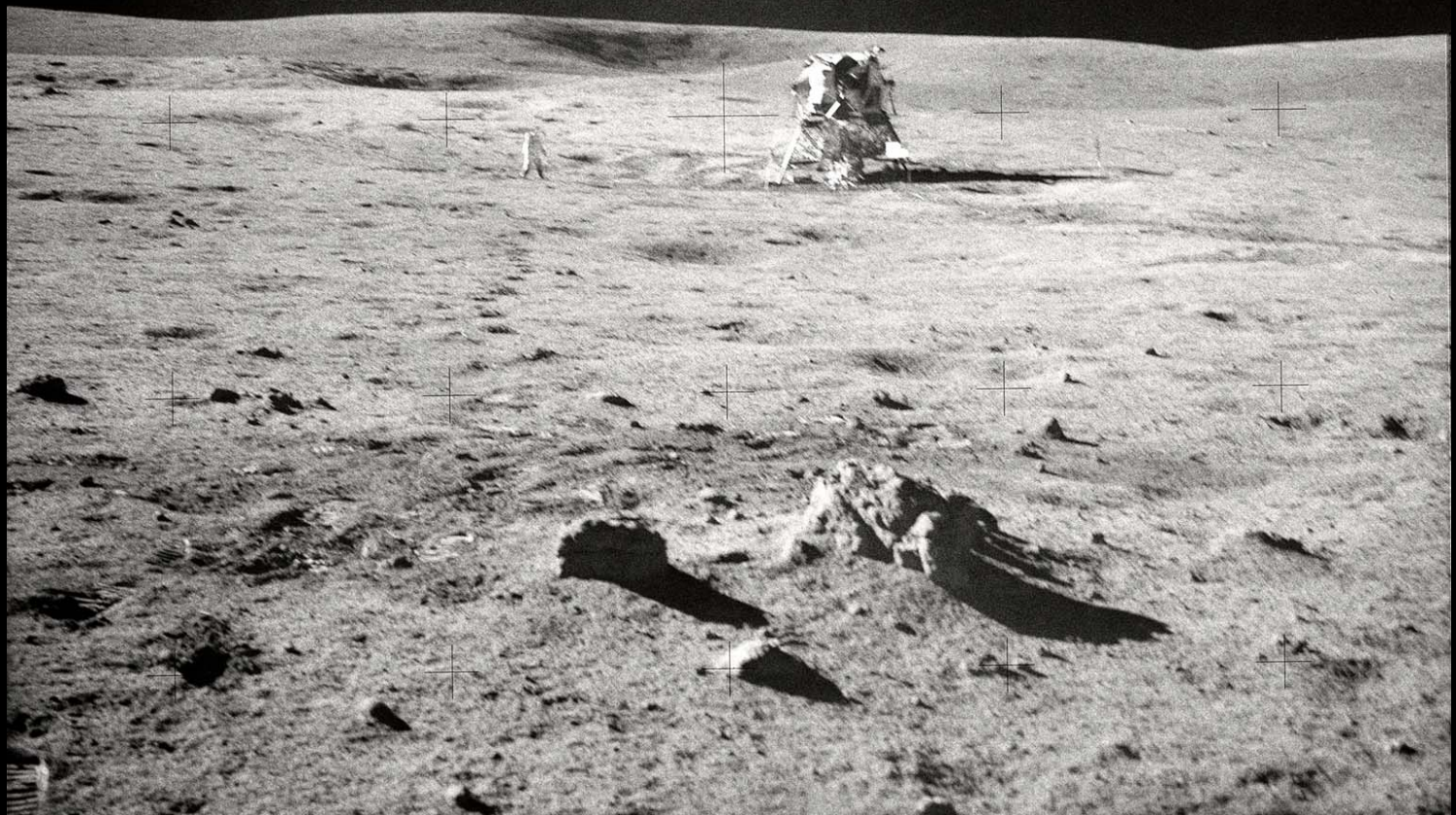
Kosmonaut Juri Gagarin

Welche Motivation haben die
Verschwörungstheoretiker?

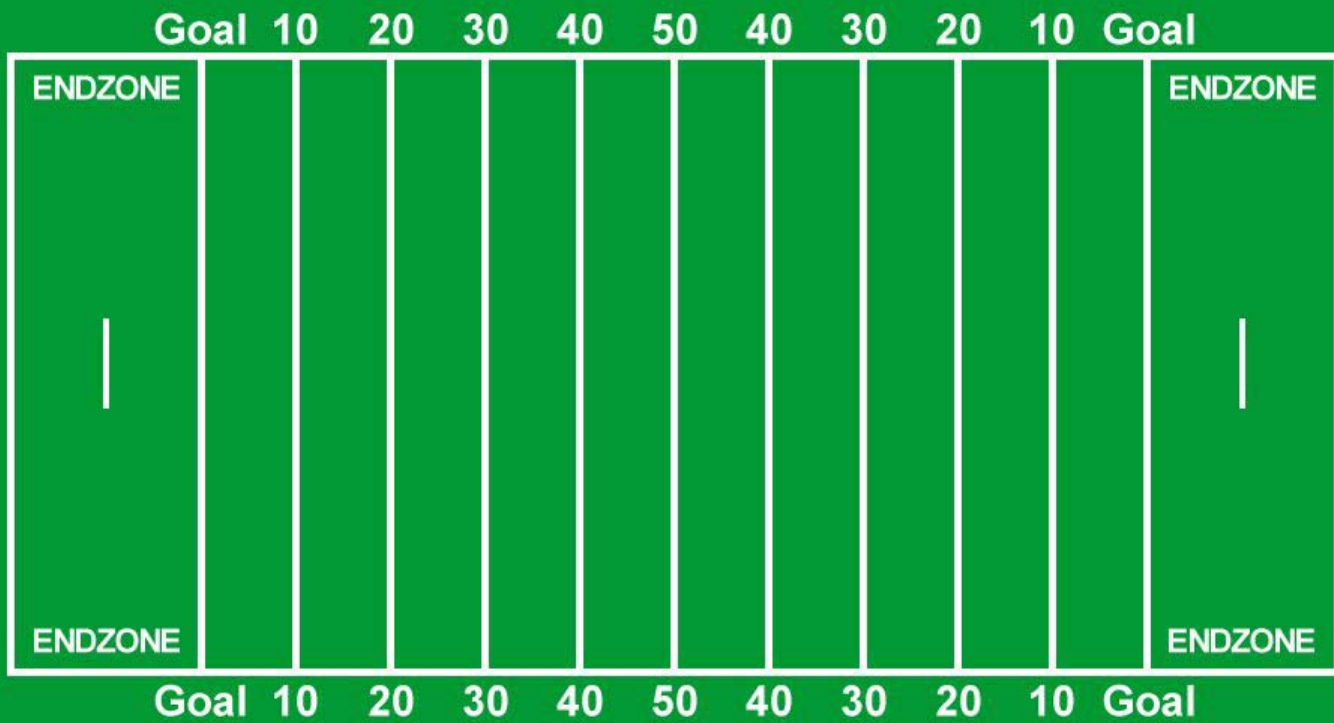














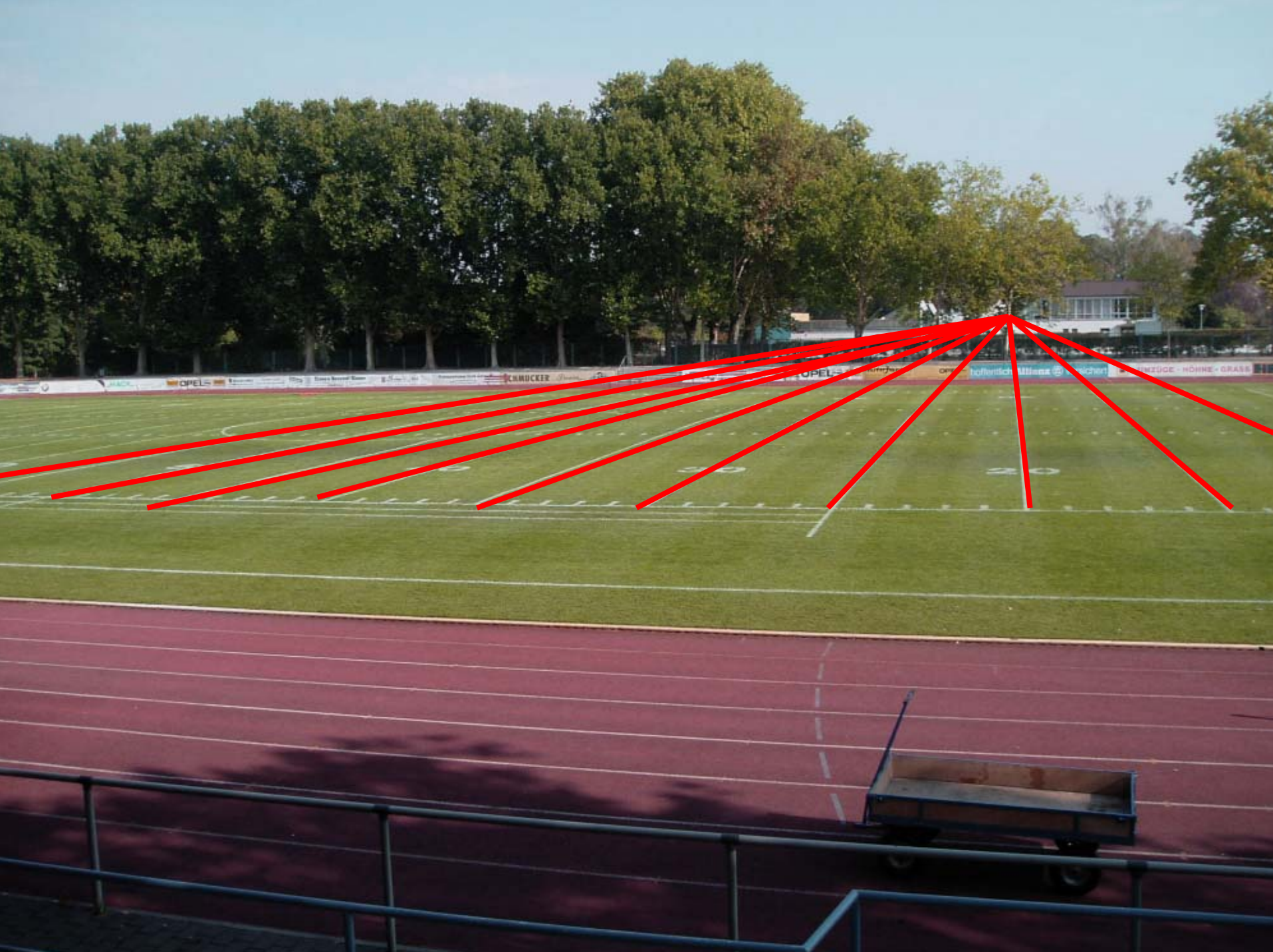
Autojacob

Rüsselsheimer Volksbank eG

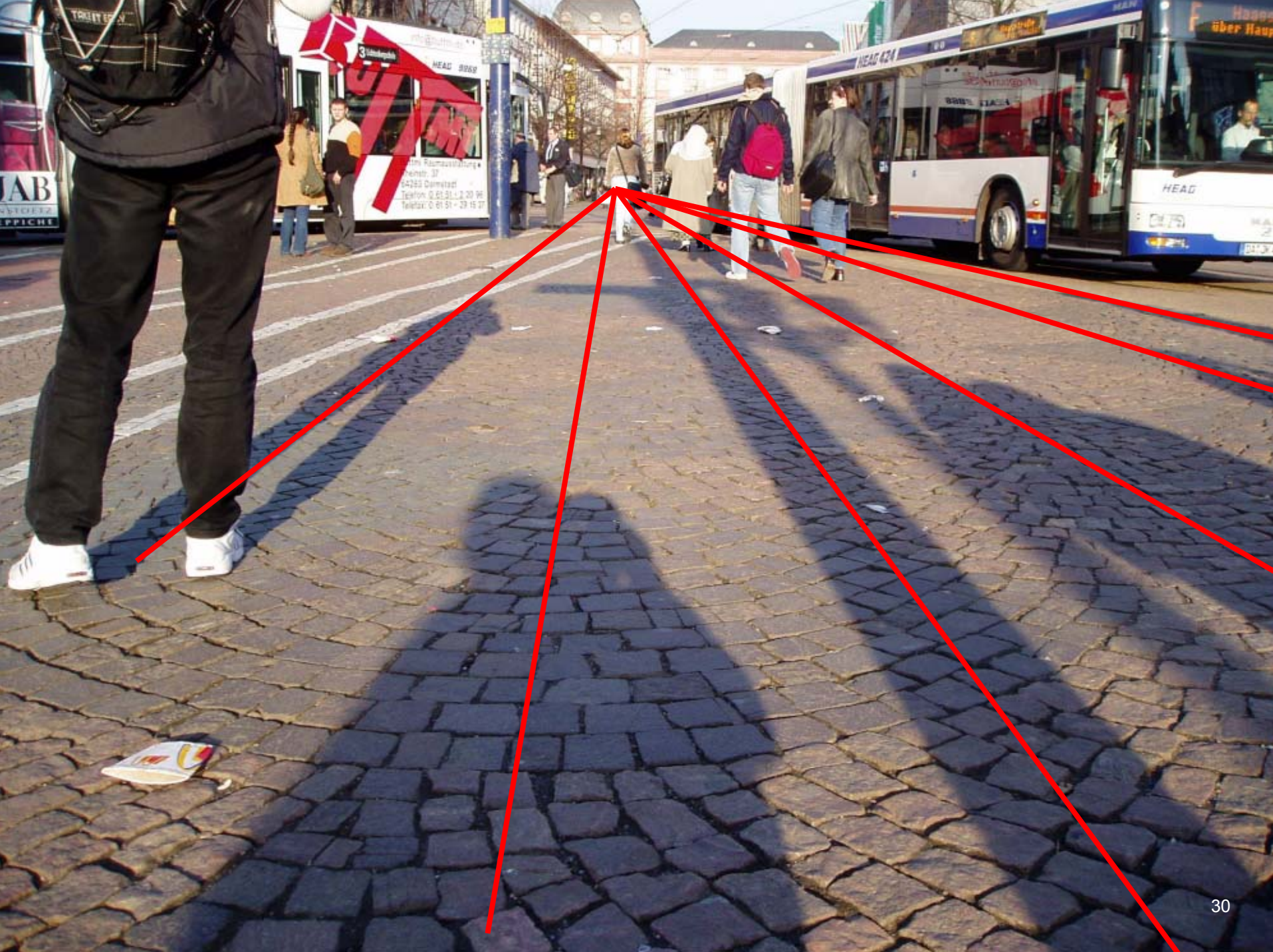
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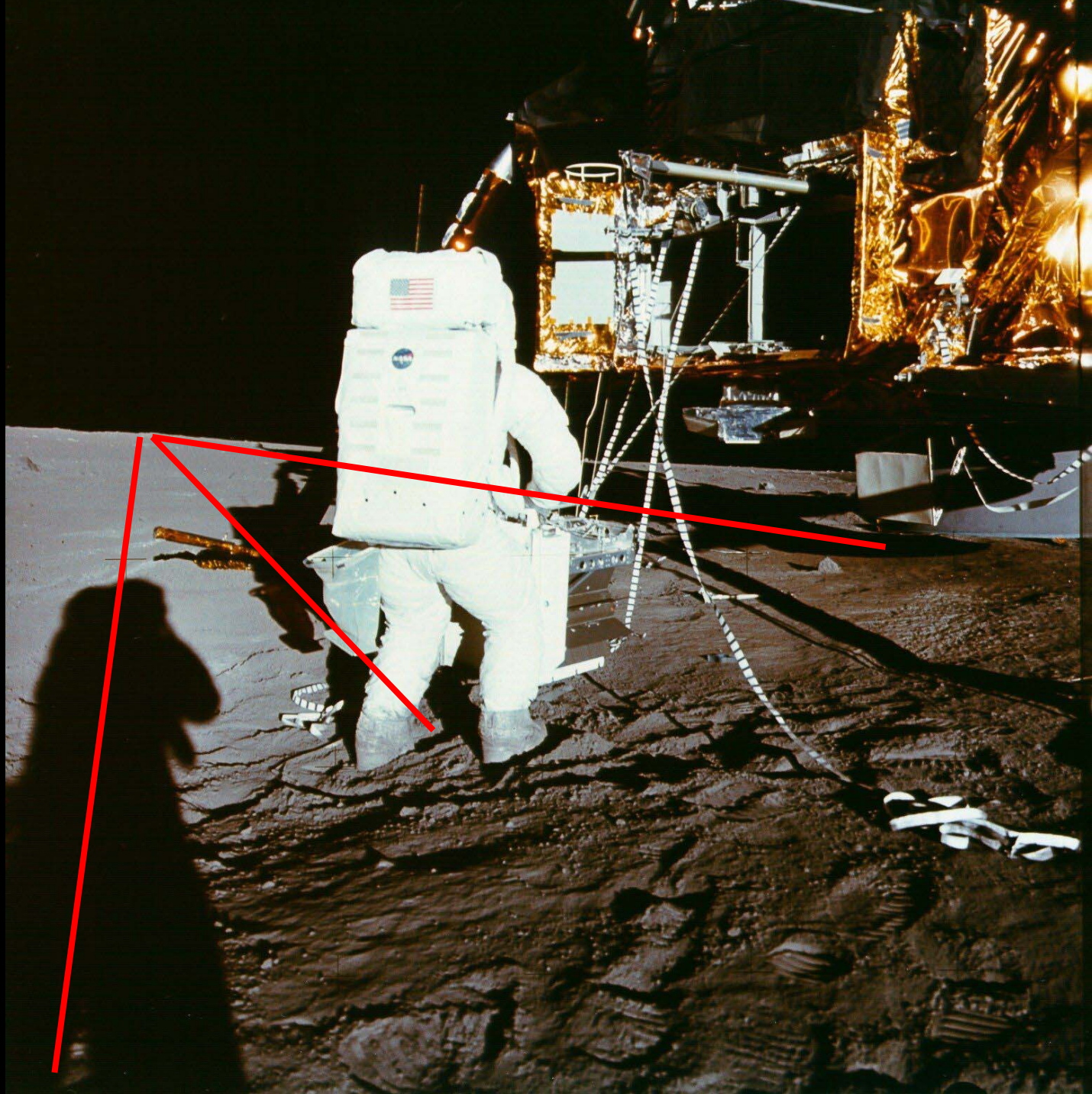
MAIN-SPIITZE

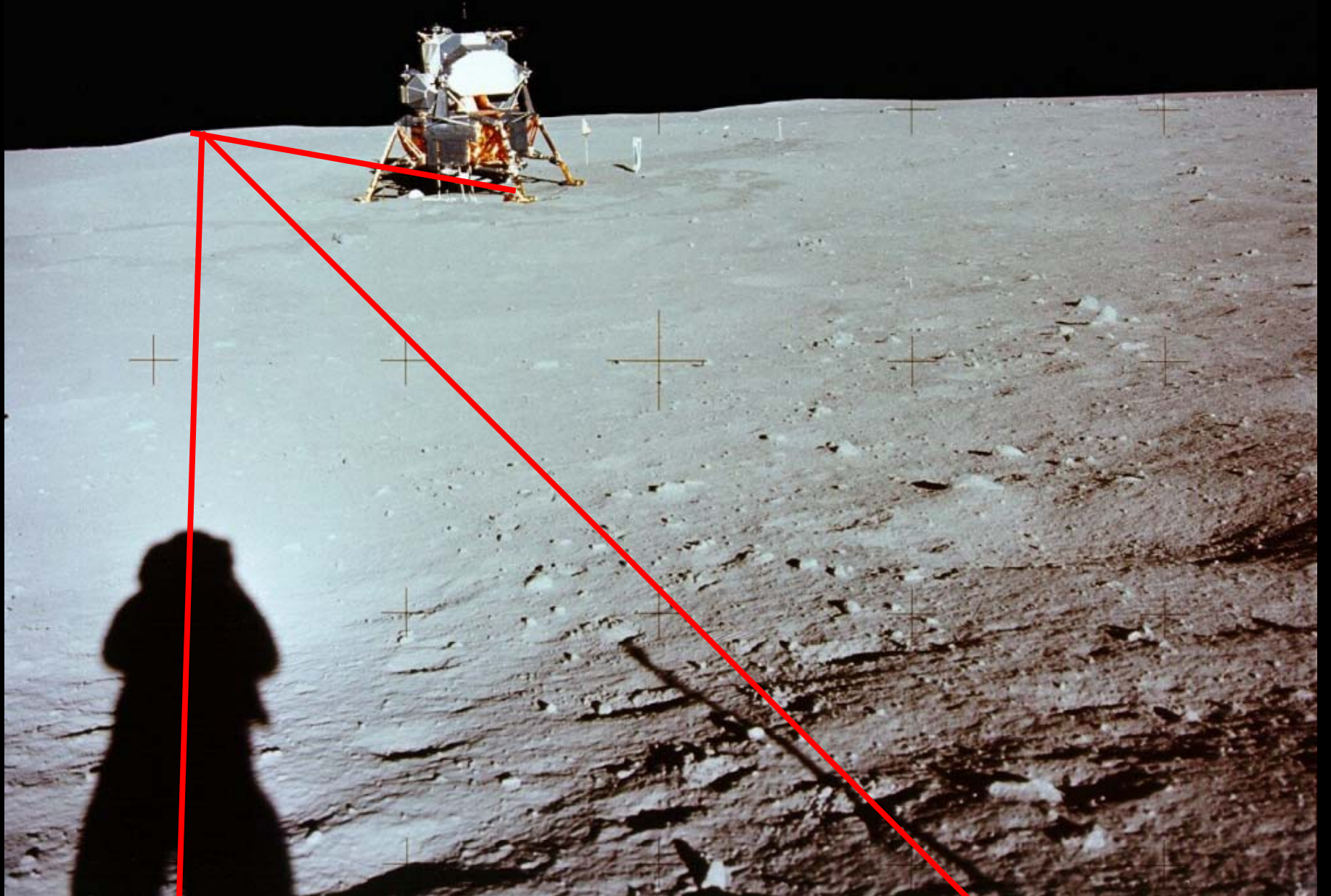
ALLBANK

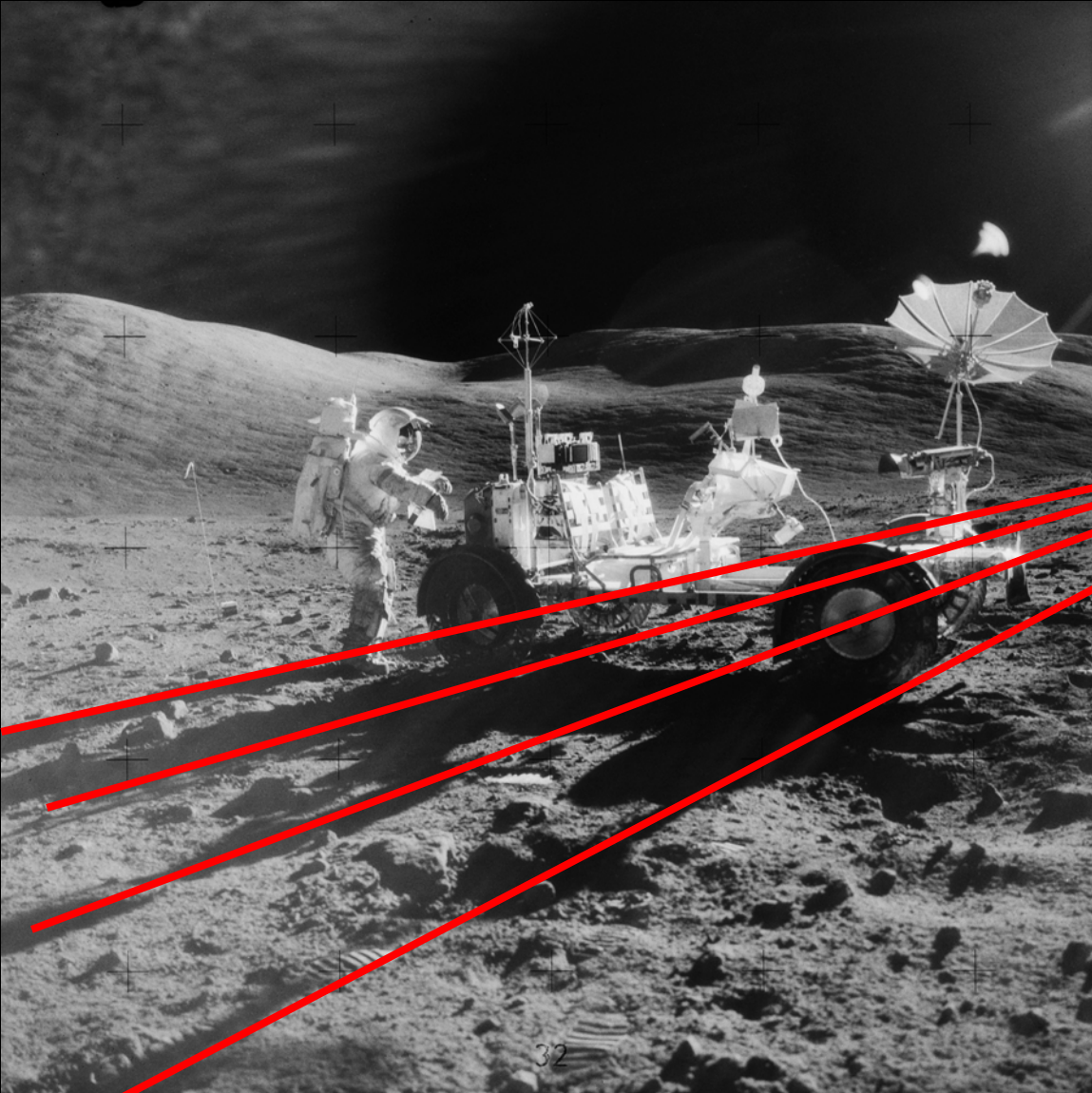


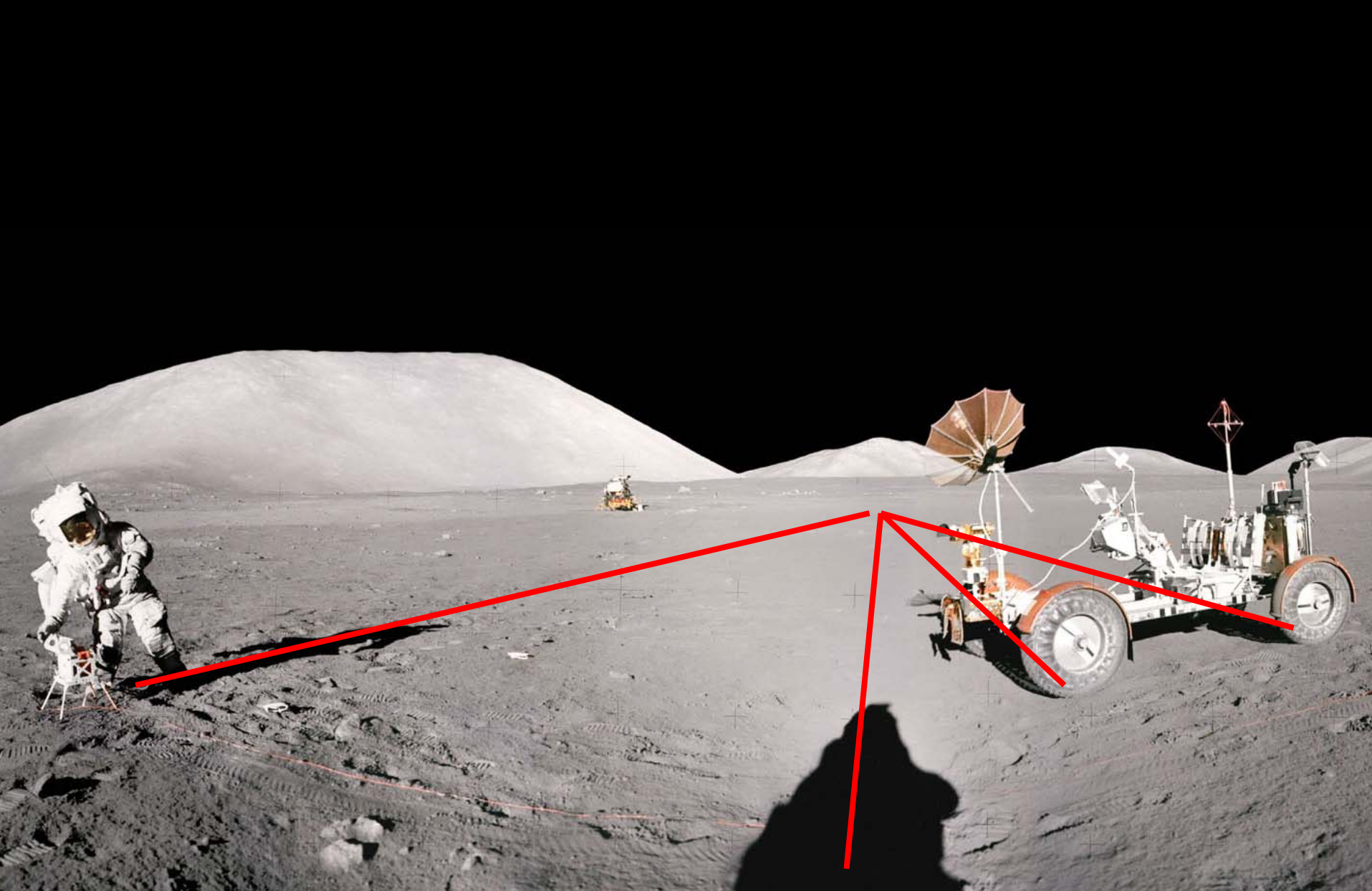


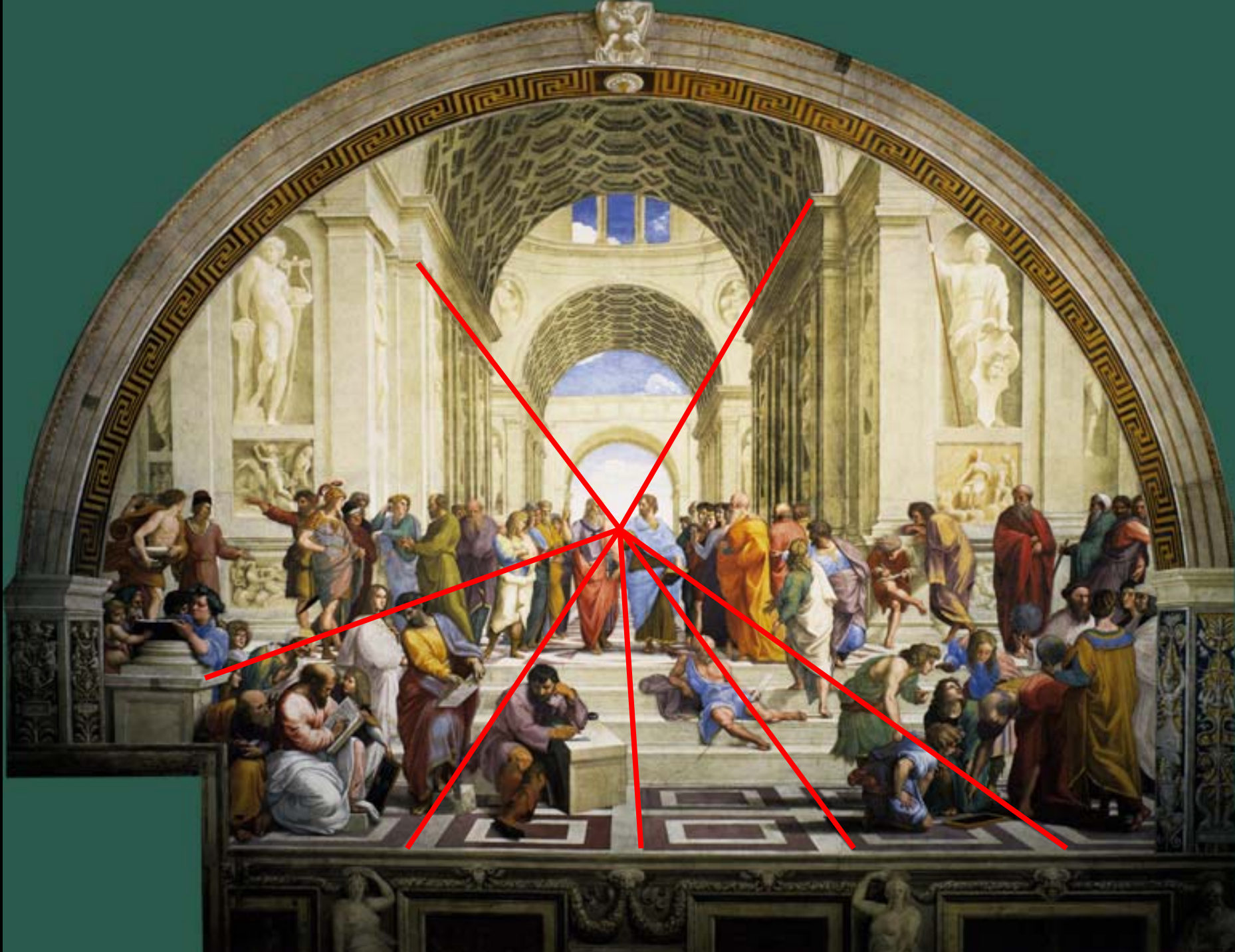


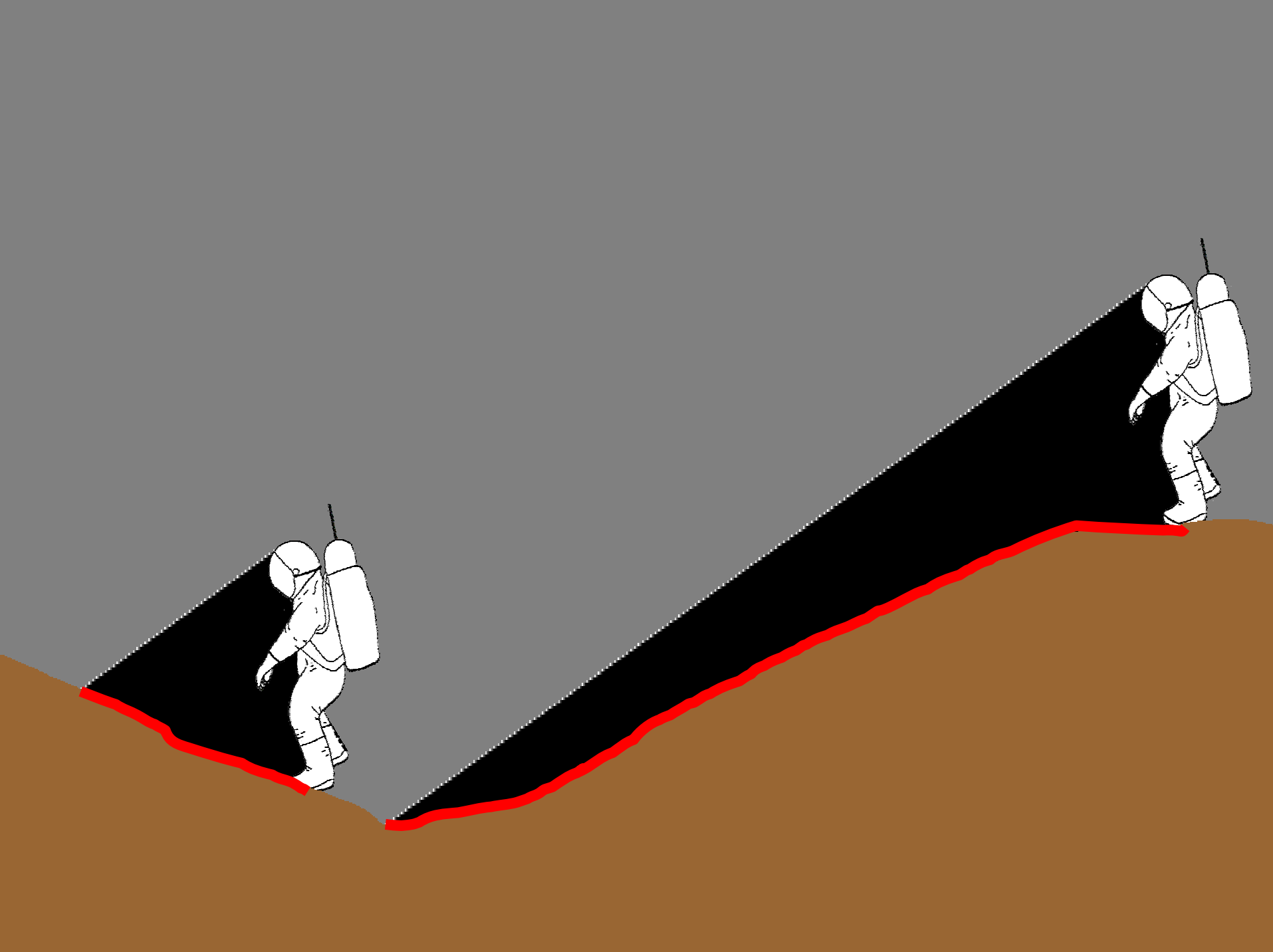




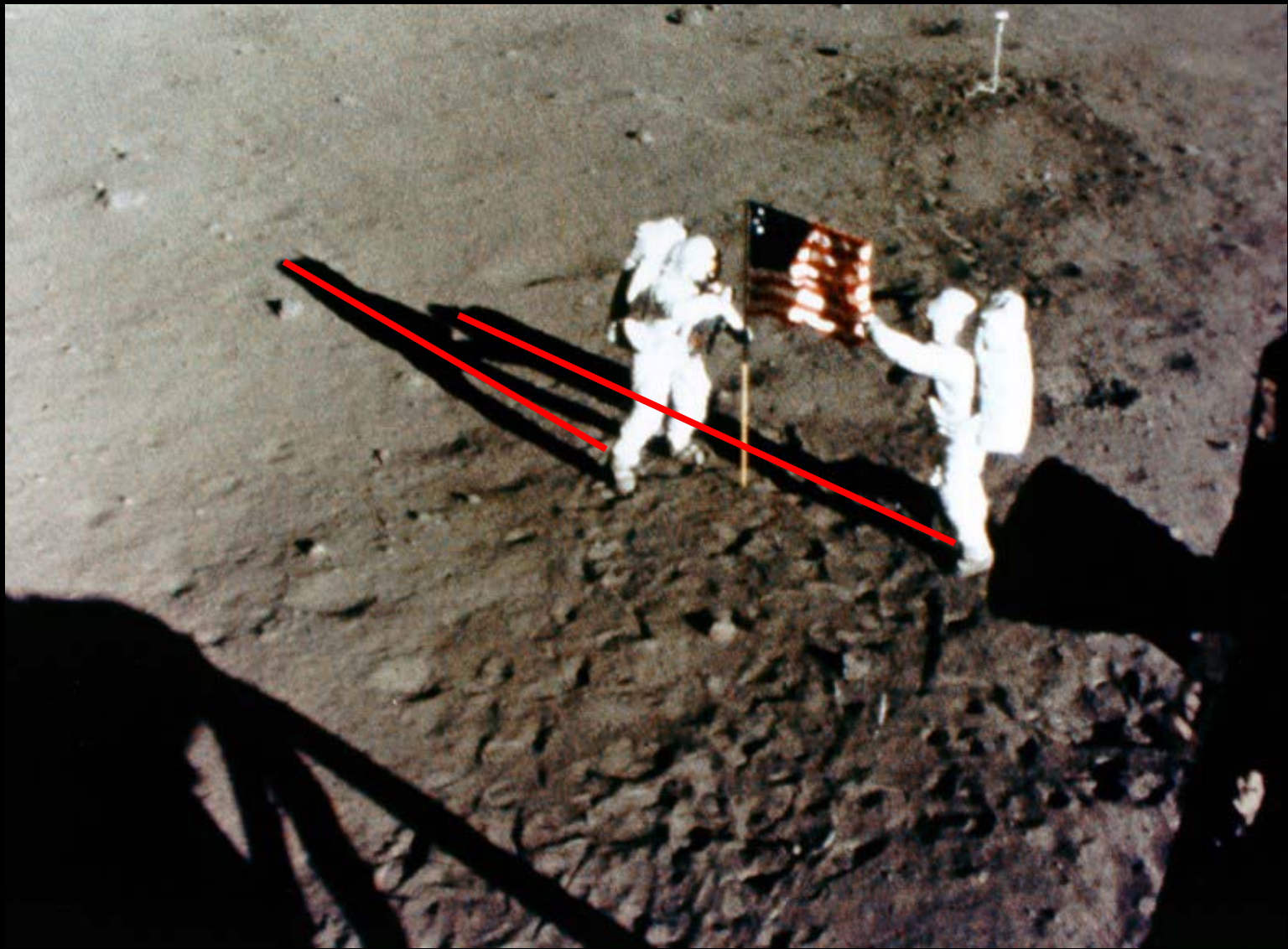








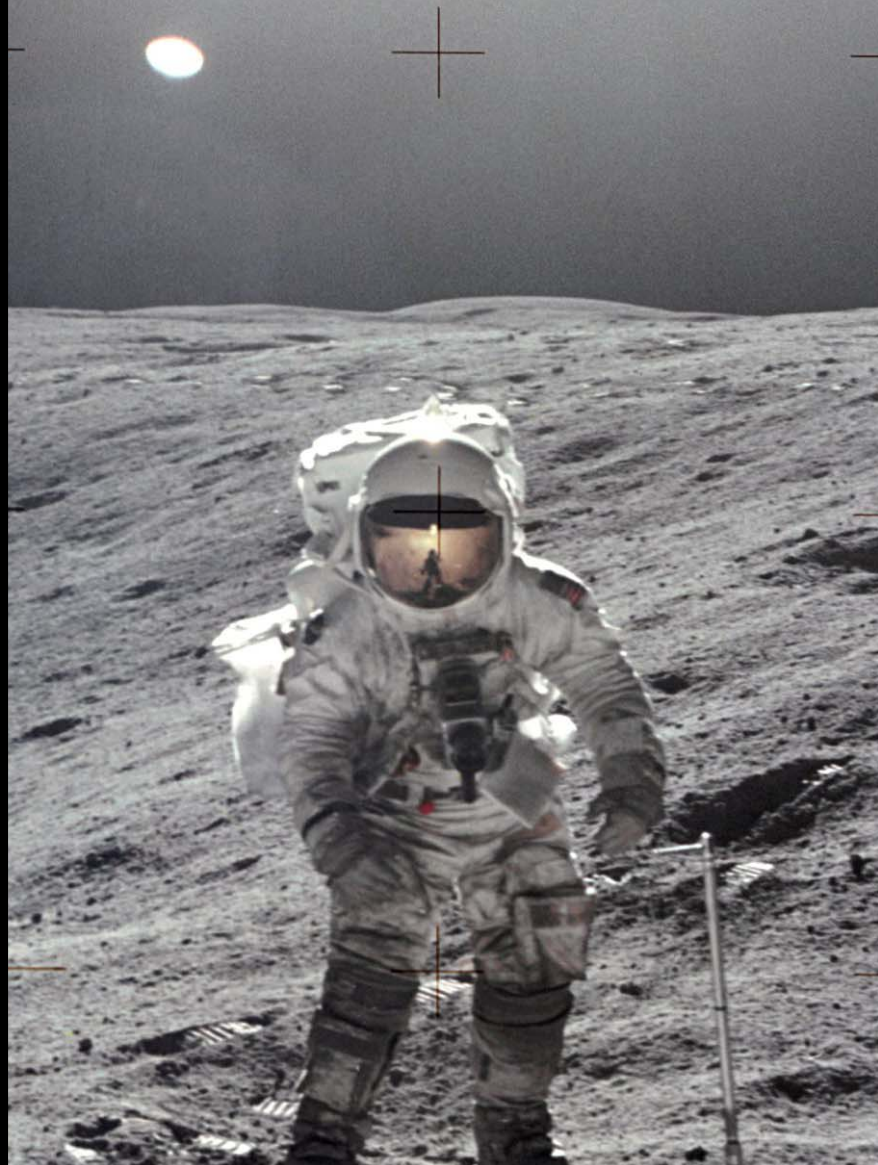




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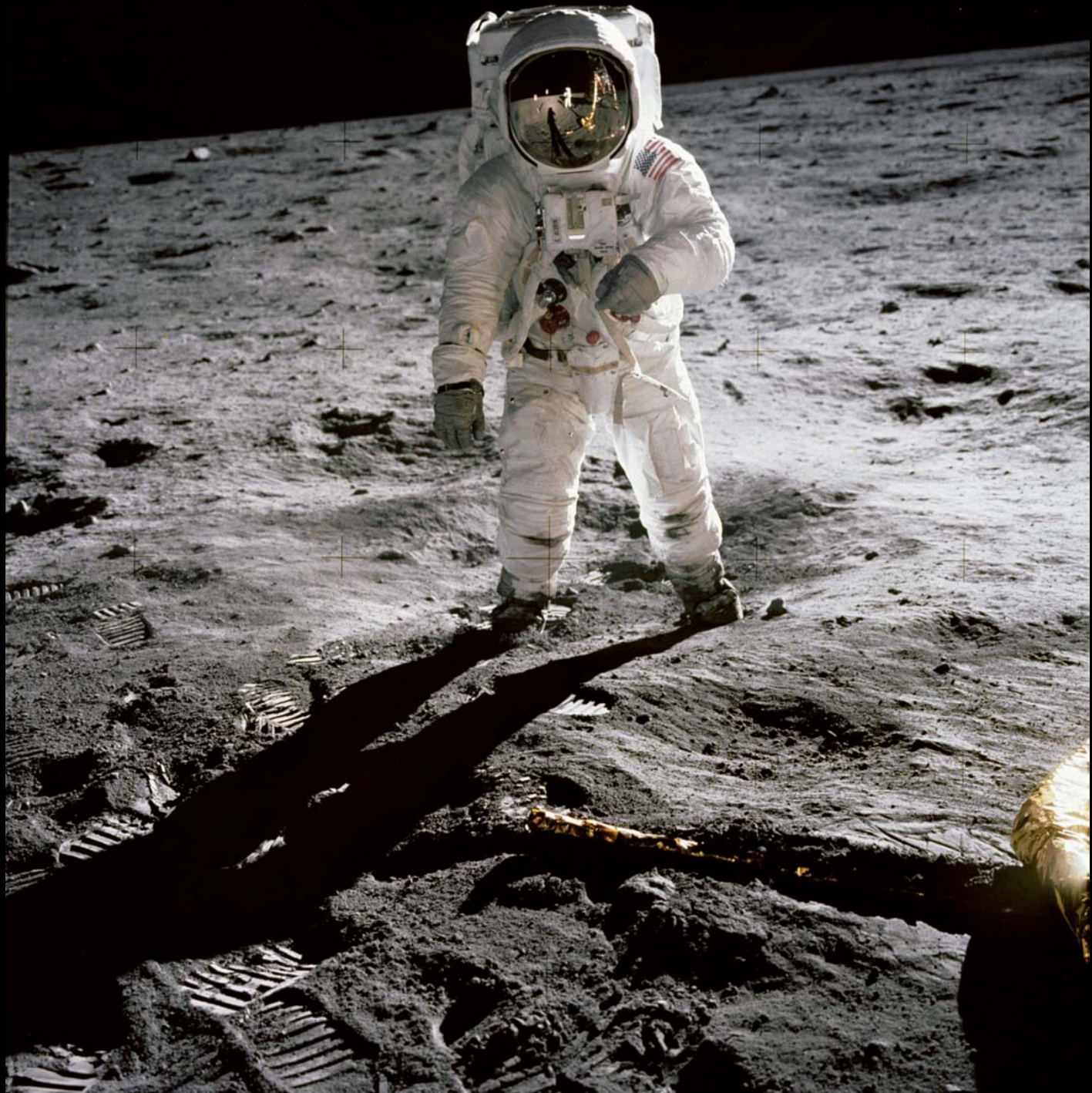
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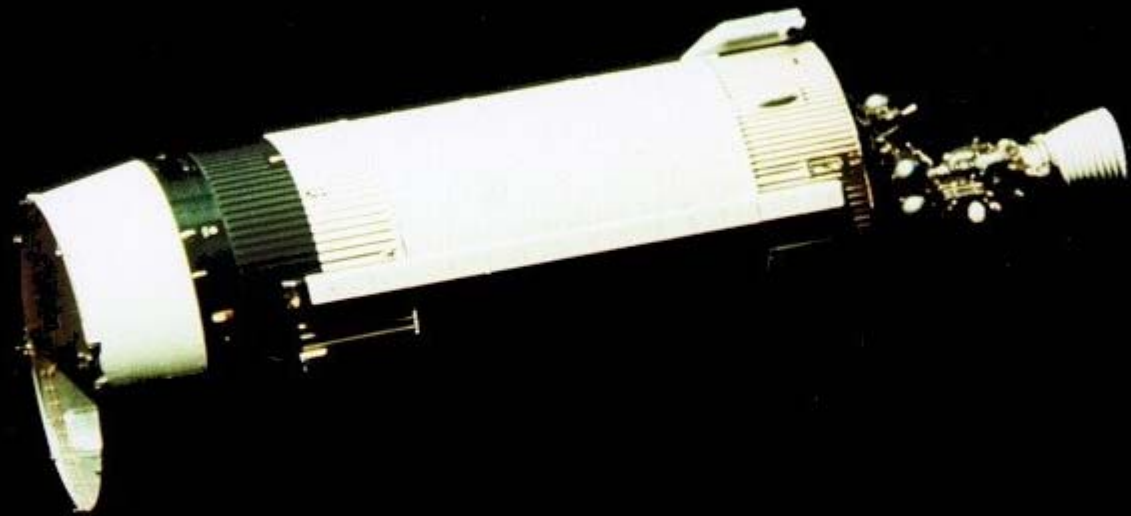






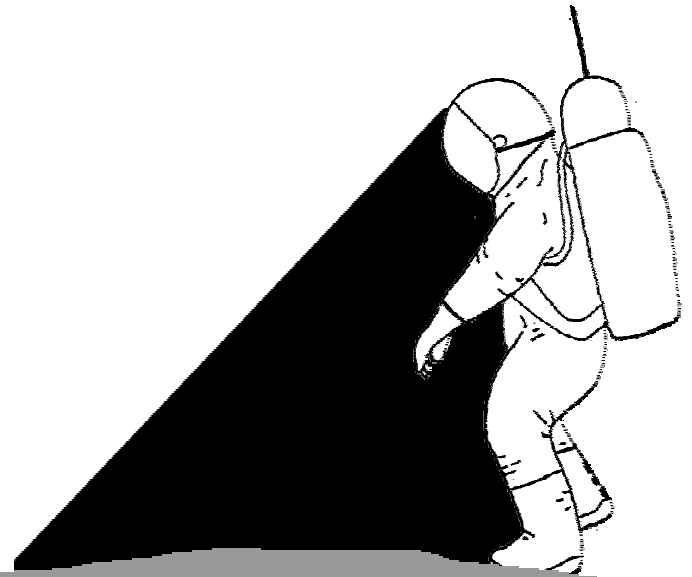


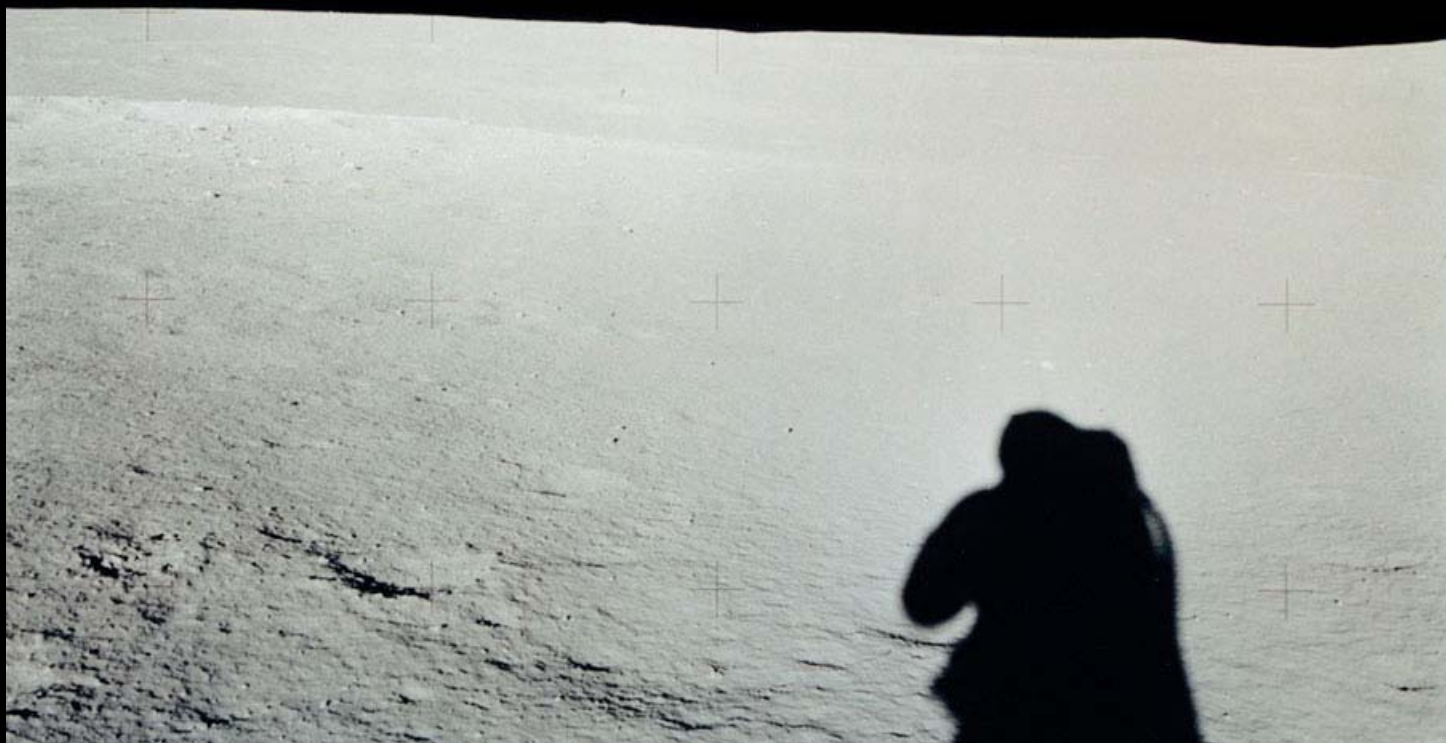






Christian Friedrich Gille
1831



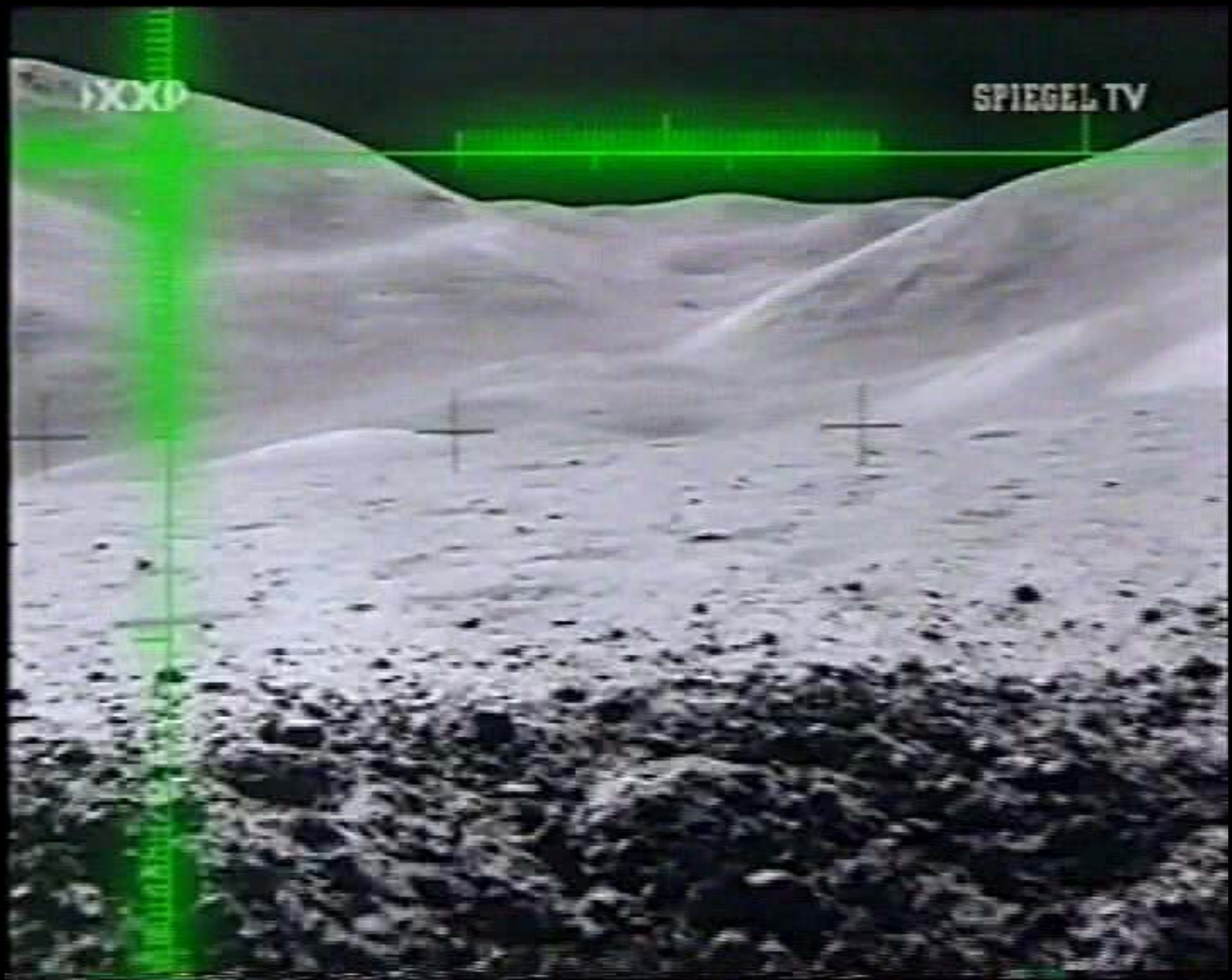


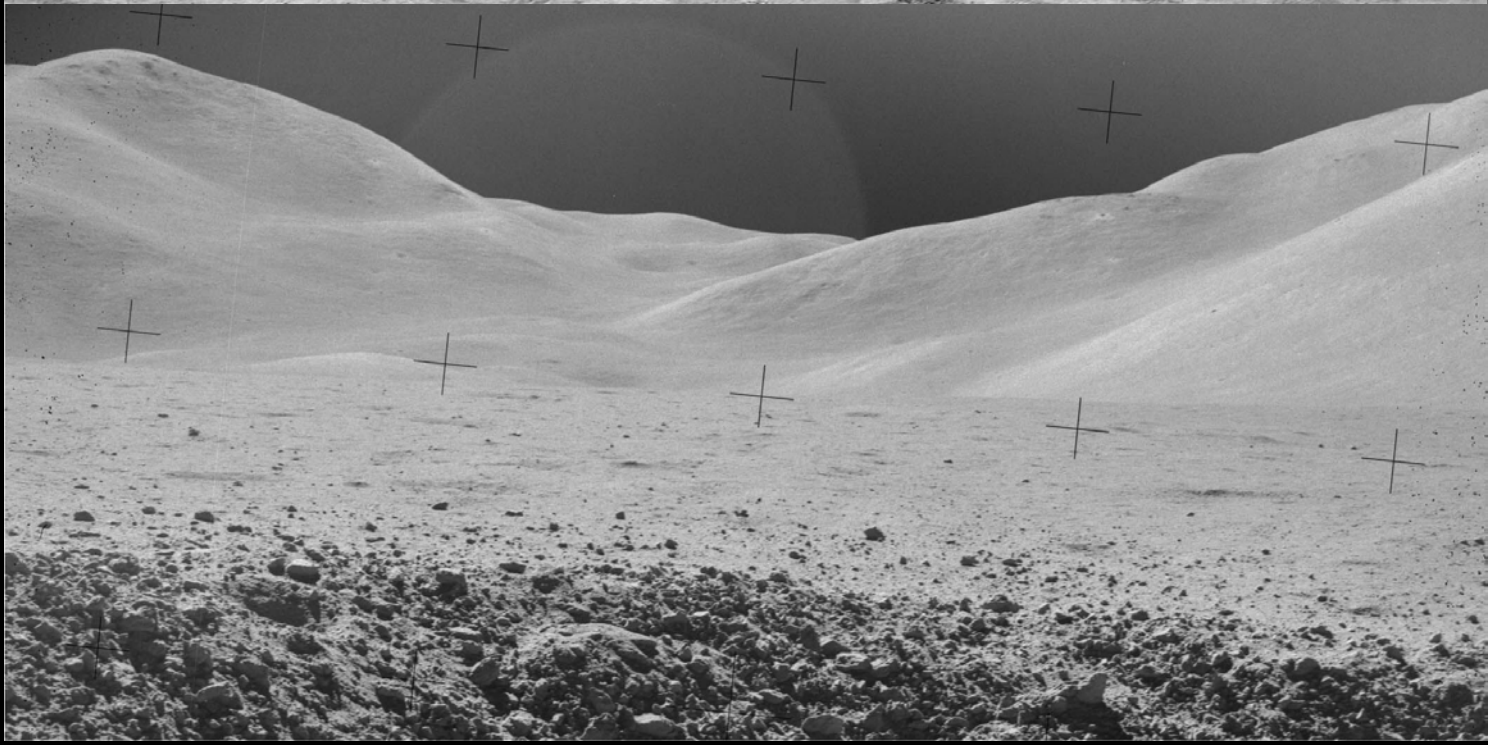




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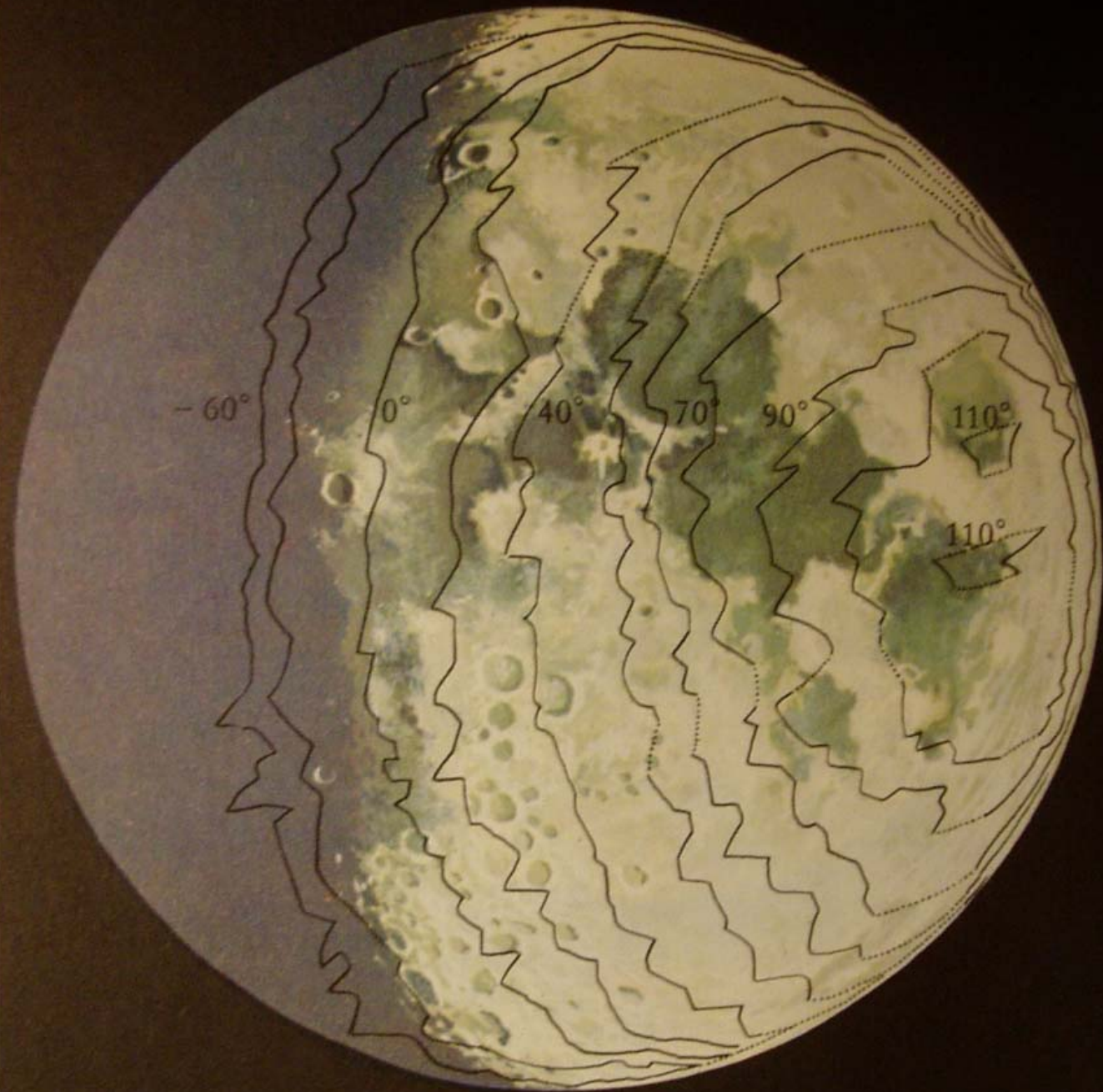




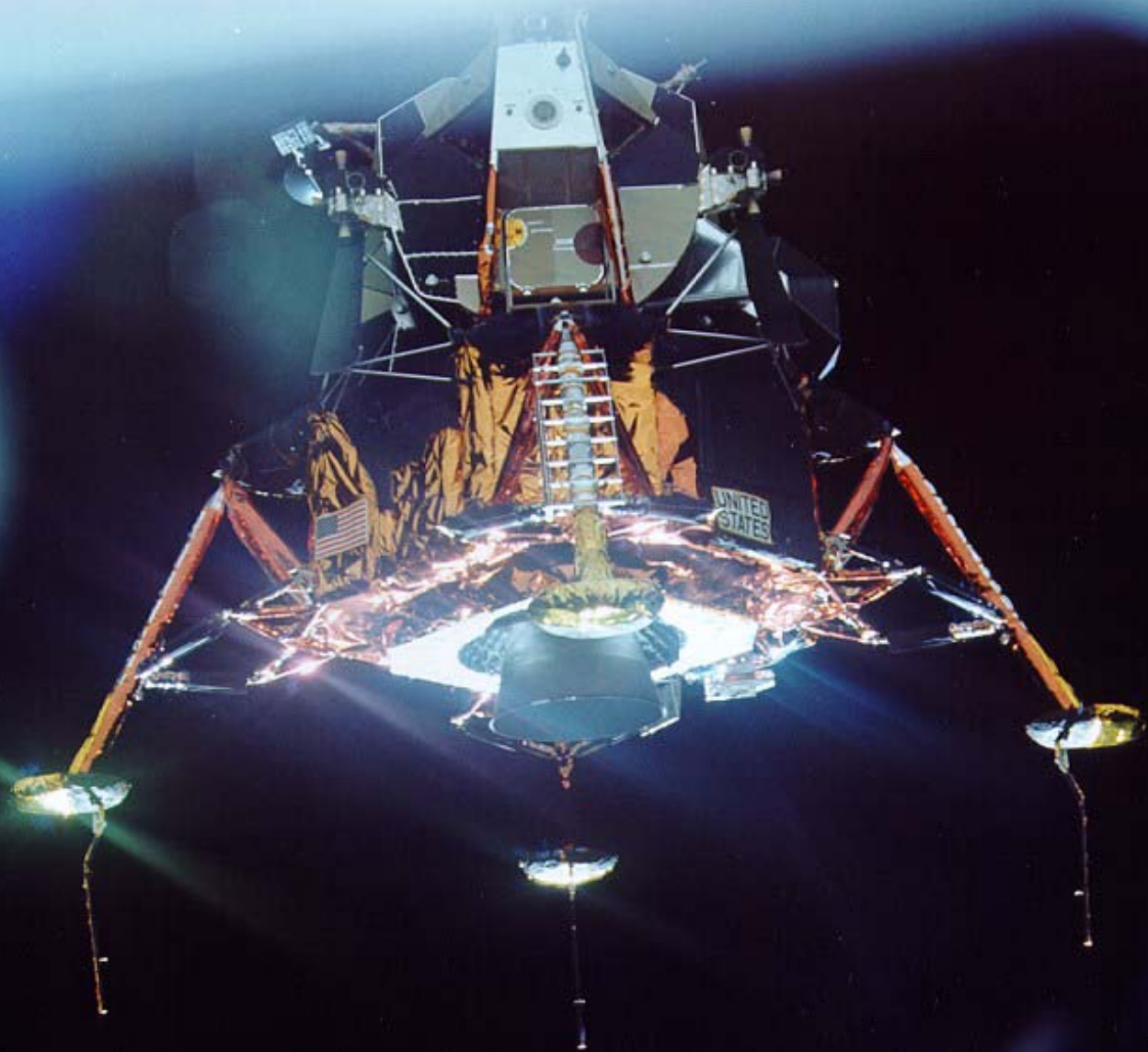
Physical Facts

Diameter	2,160 miles (about $\frac{1}{4}$ that of Earth)	
Circumference	6,790 miles (about $\frac{1}{4}$ that of Earth)	
Distance from Earth	238,857 miles (mean; 221,463 minimum to 252,710 maximum)	
Surface temperature	+243°F (Sun at zenith) -279°F (night)	
Surface gravity	1/6 that of Earth	- 173° C
Mass	1/100th that of Earth	+117° C
Volume	1/50th that of Earth	
Lunar day and night	14 Earth days each	
Mean velocity in orbit	2,287 miles per hour	
Escape velocity	1.48 miles per second	
Month (period of rotation around Earth)	27 days, 7 hours, 43 minutes	

-more-

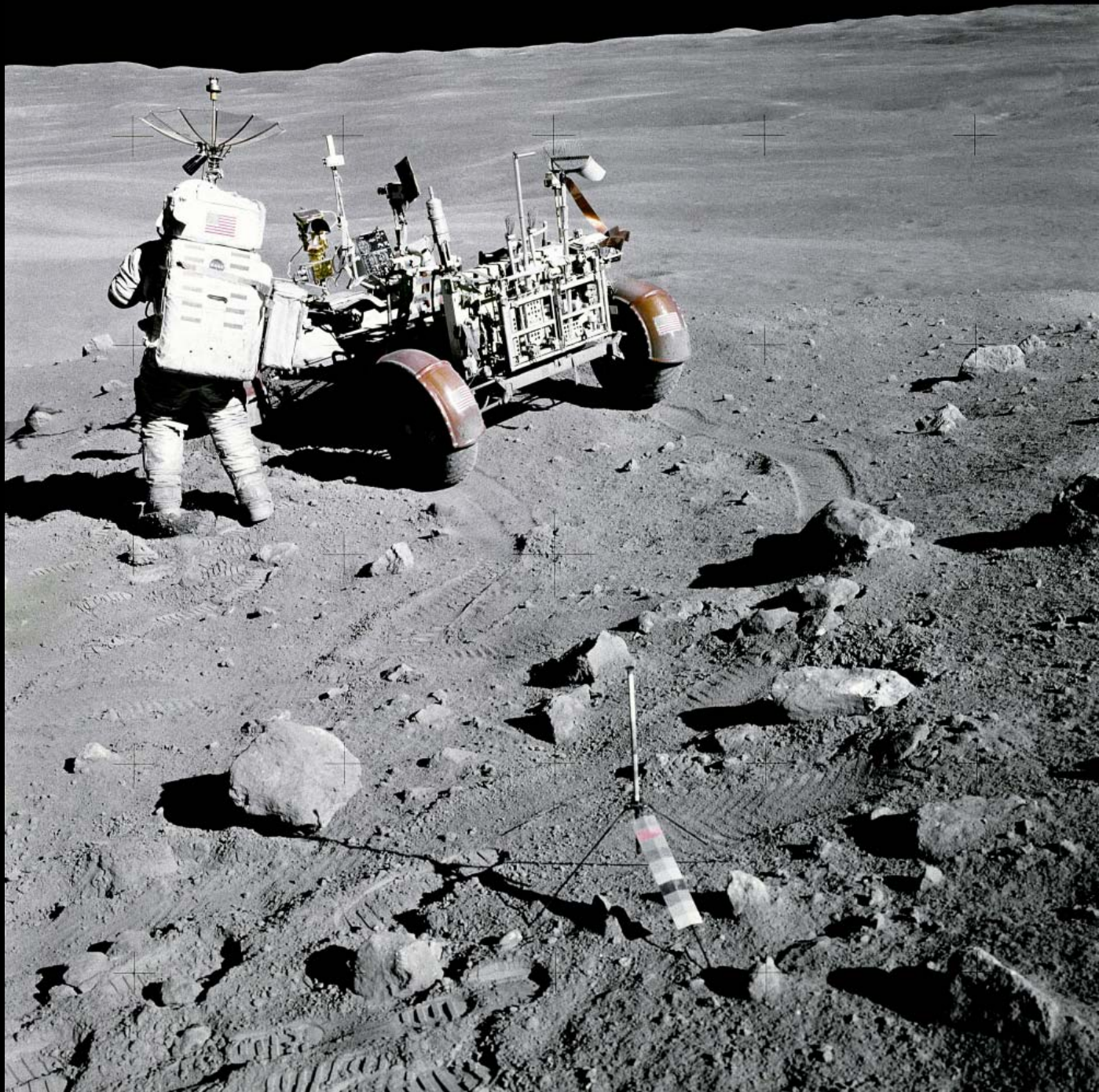


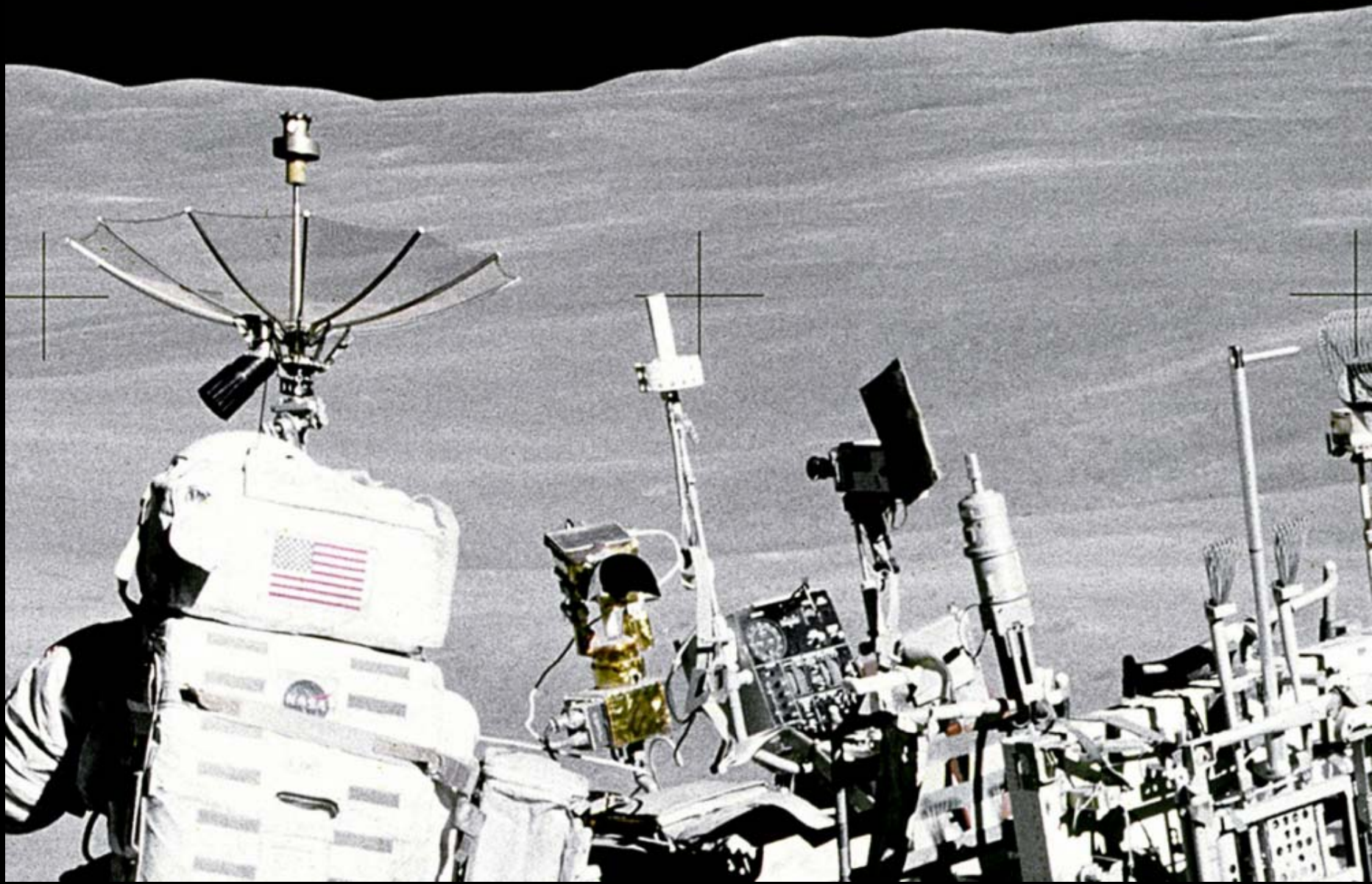




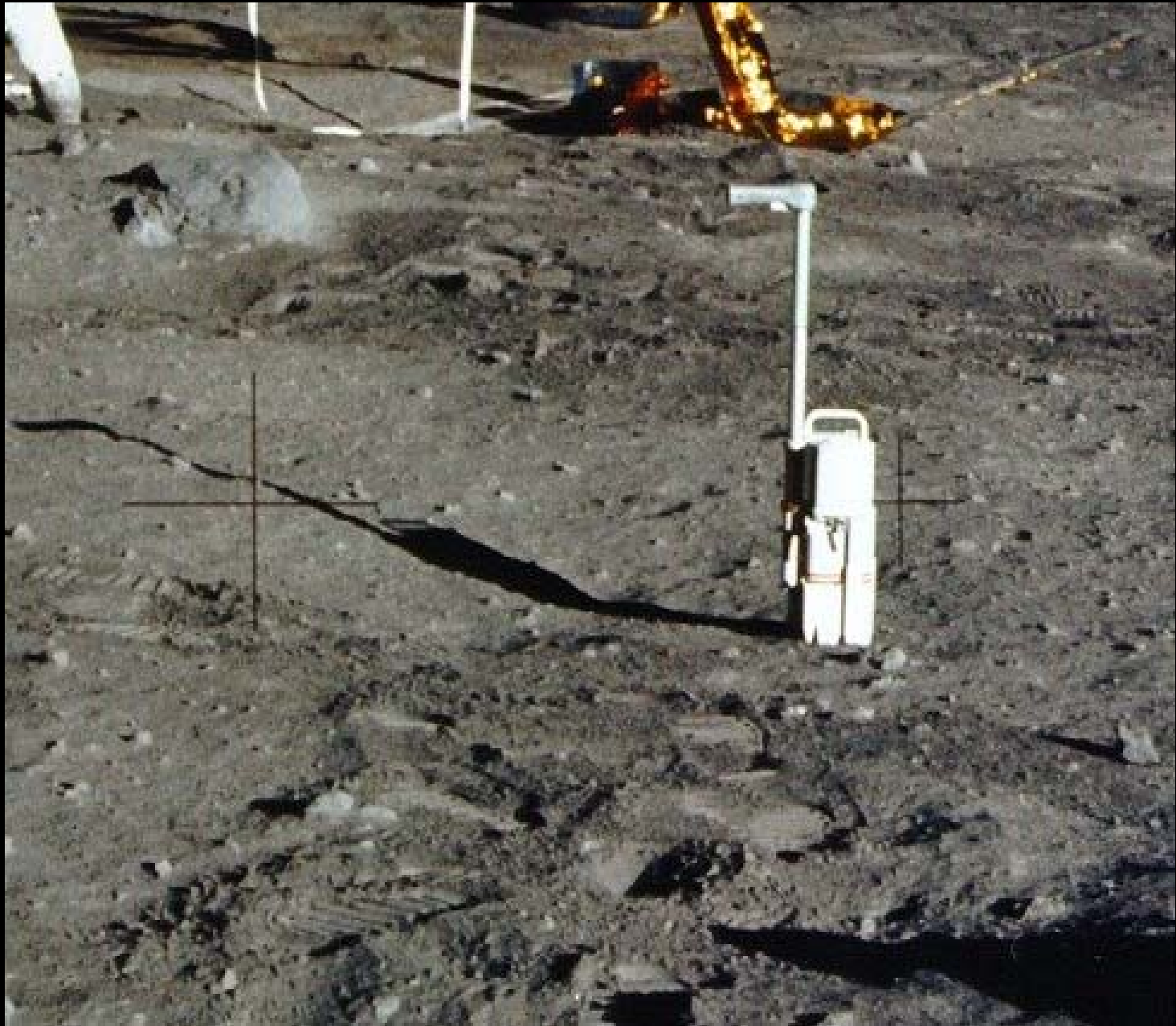


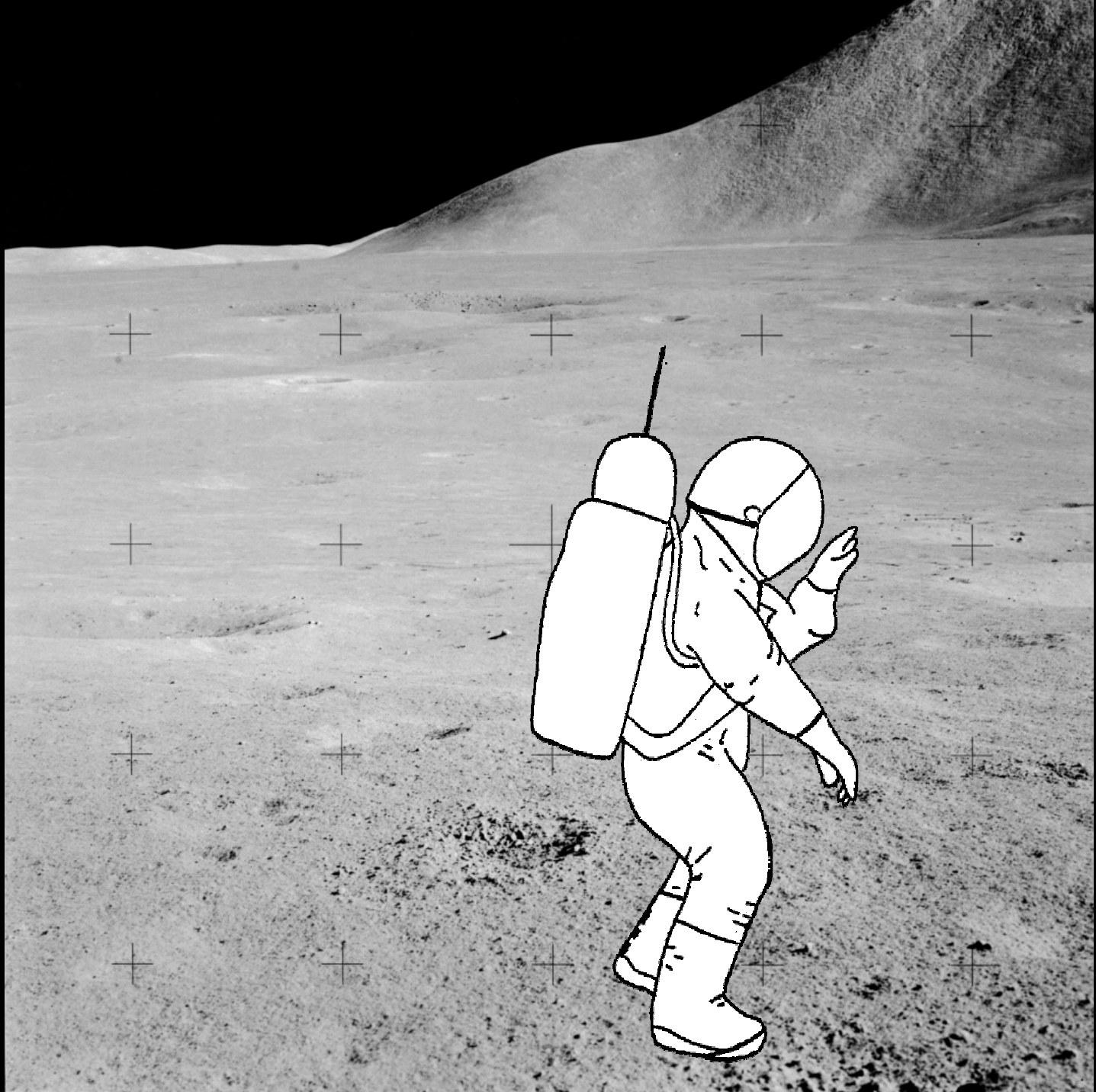








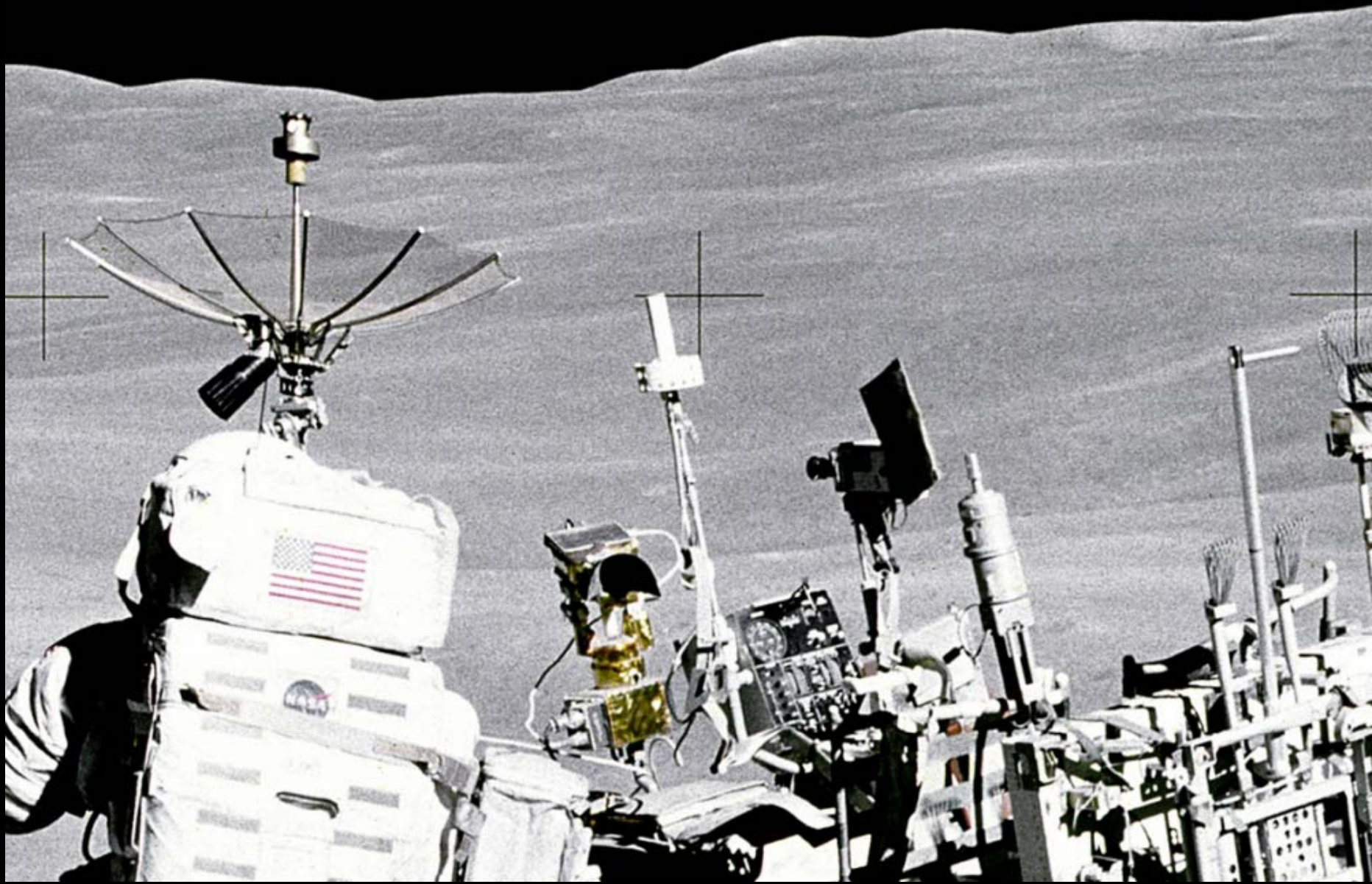


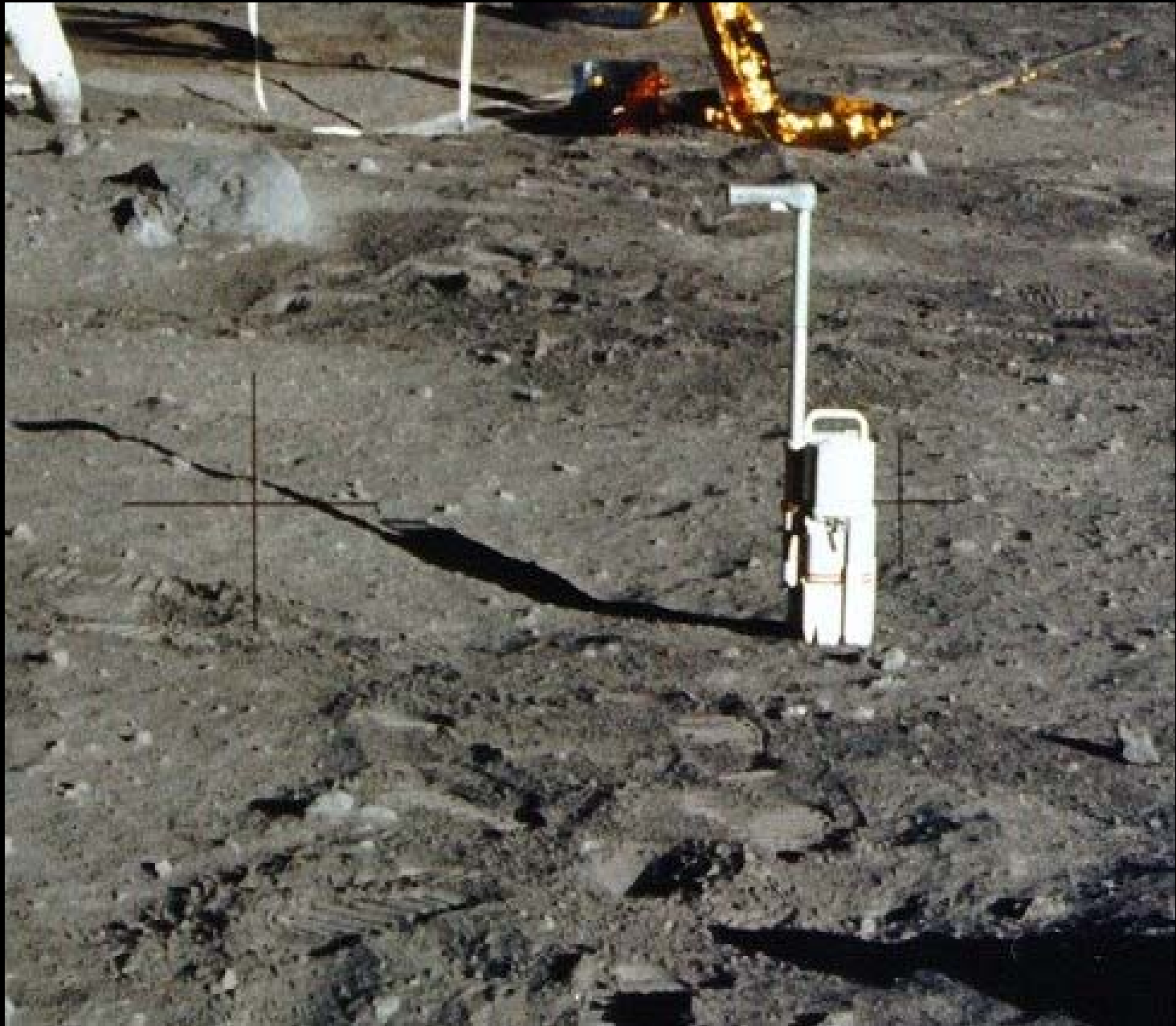


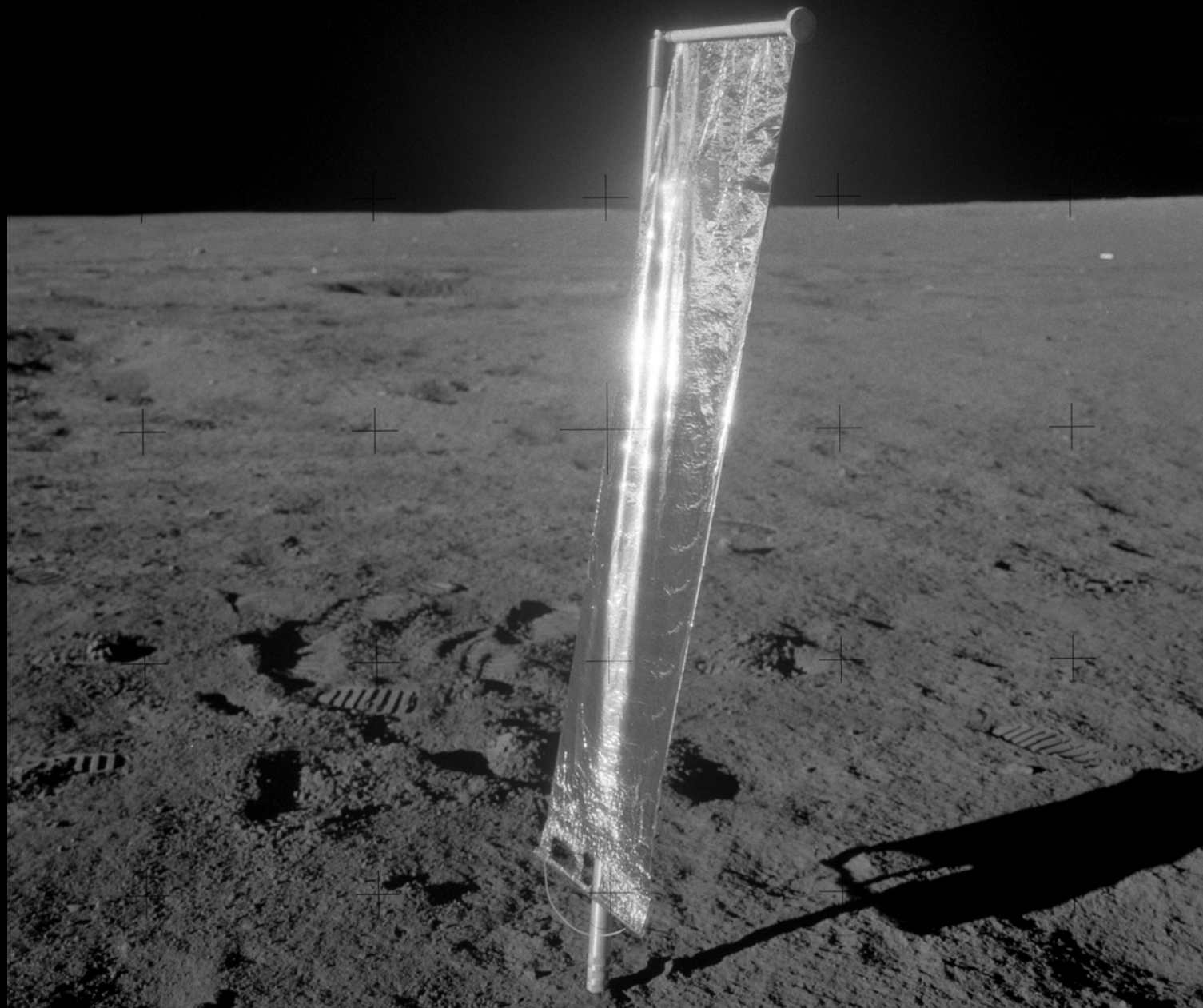


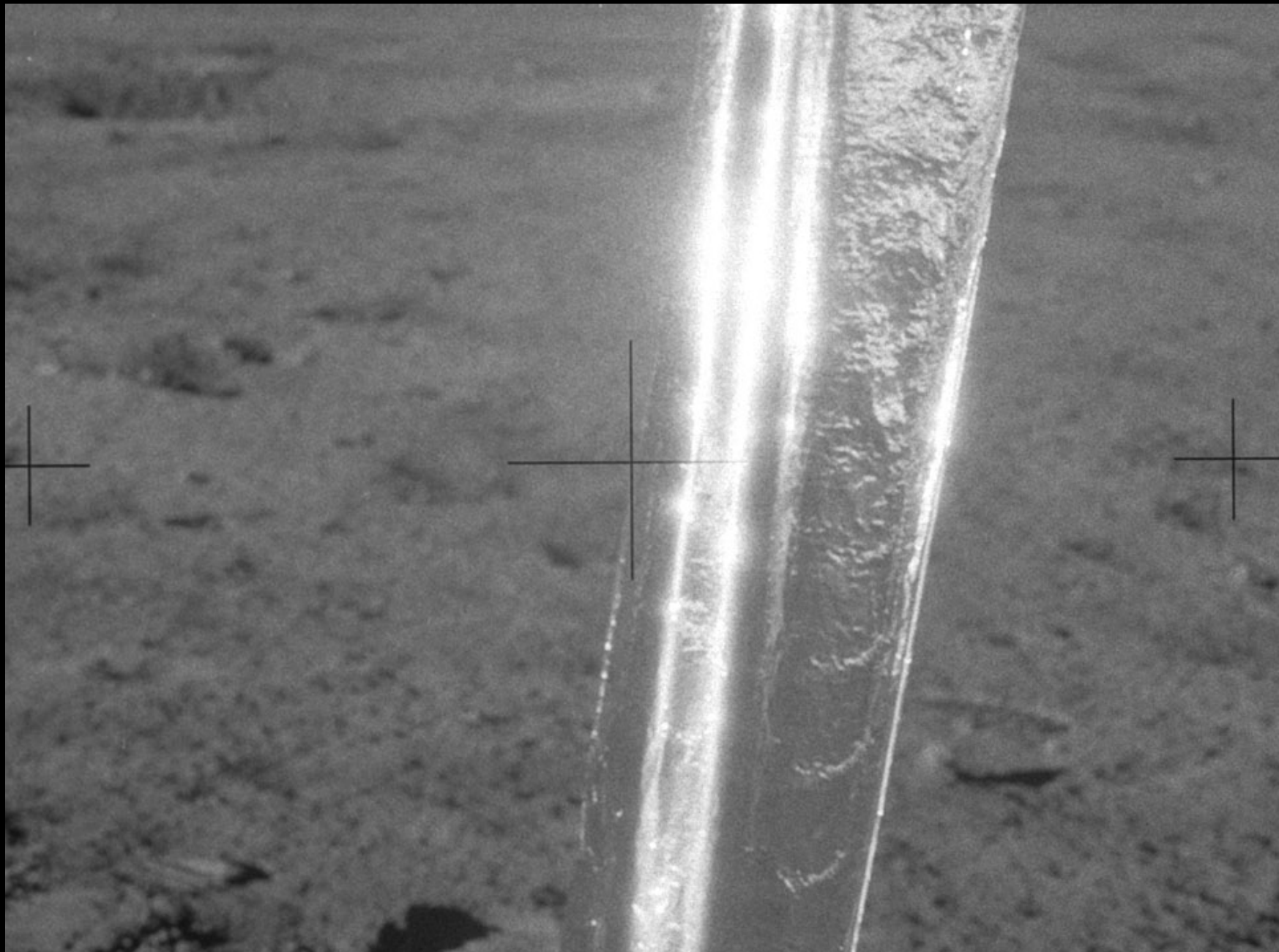














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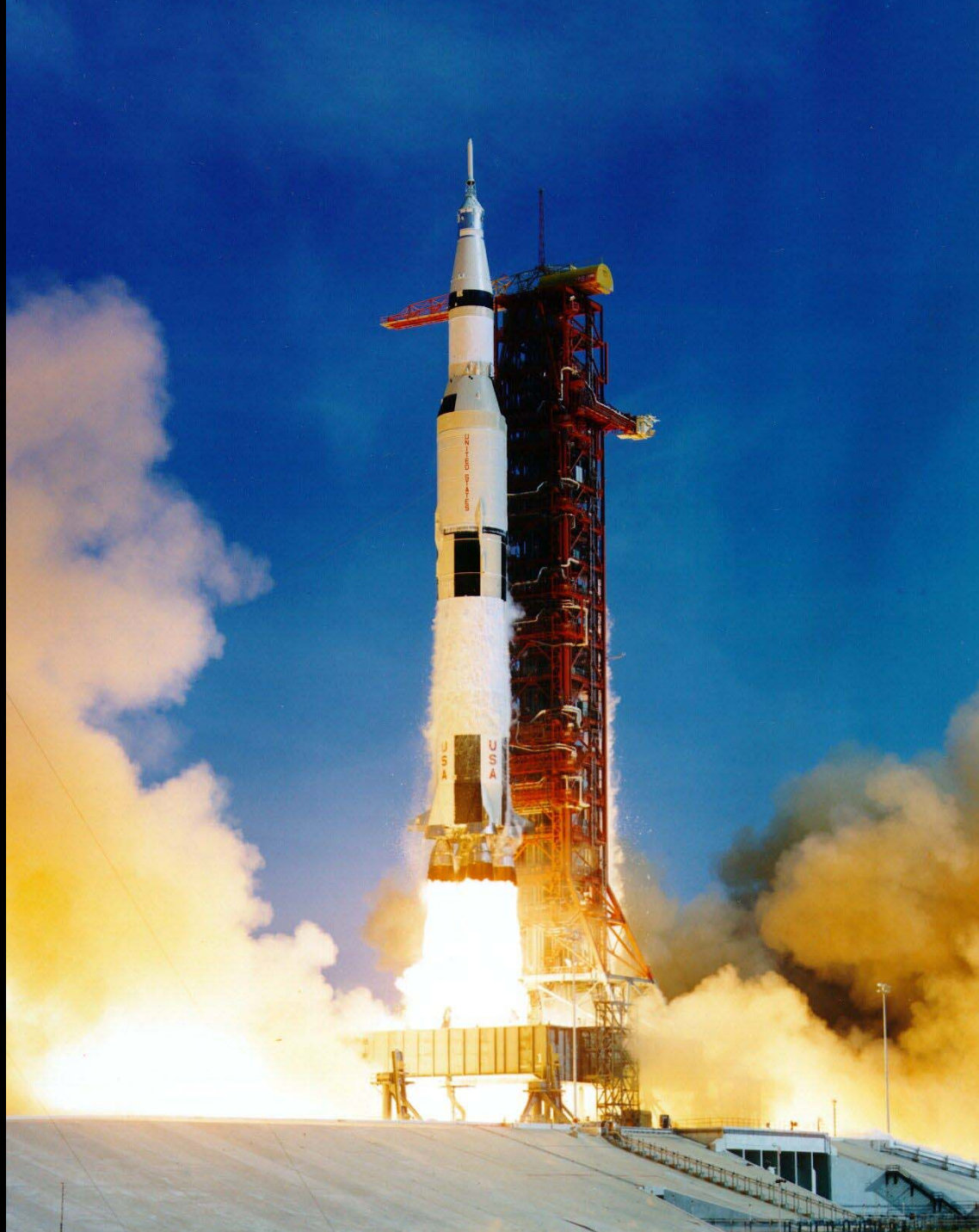


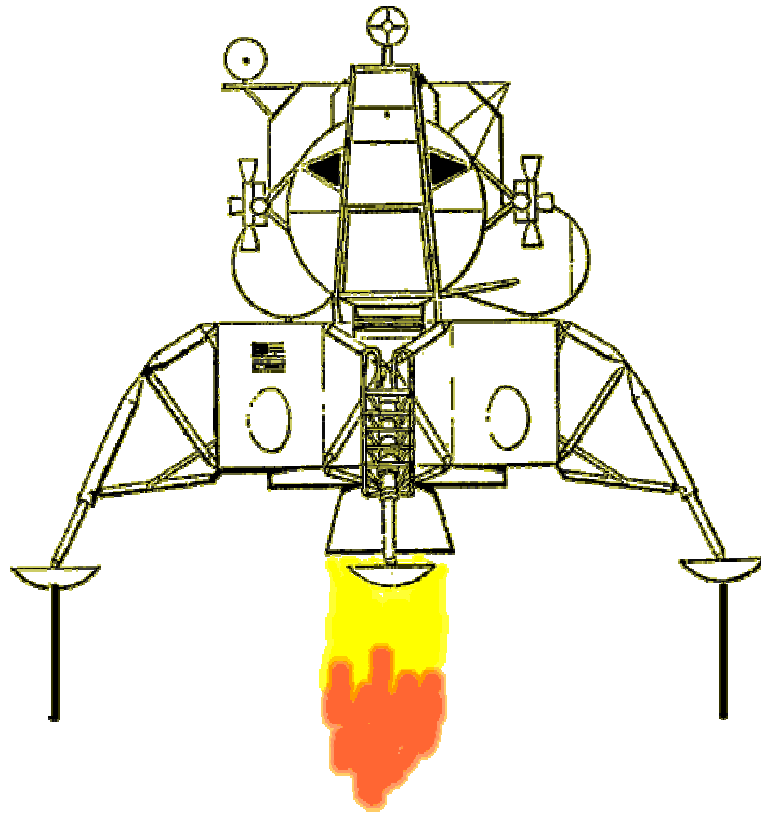


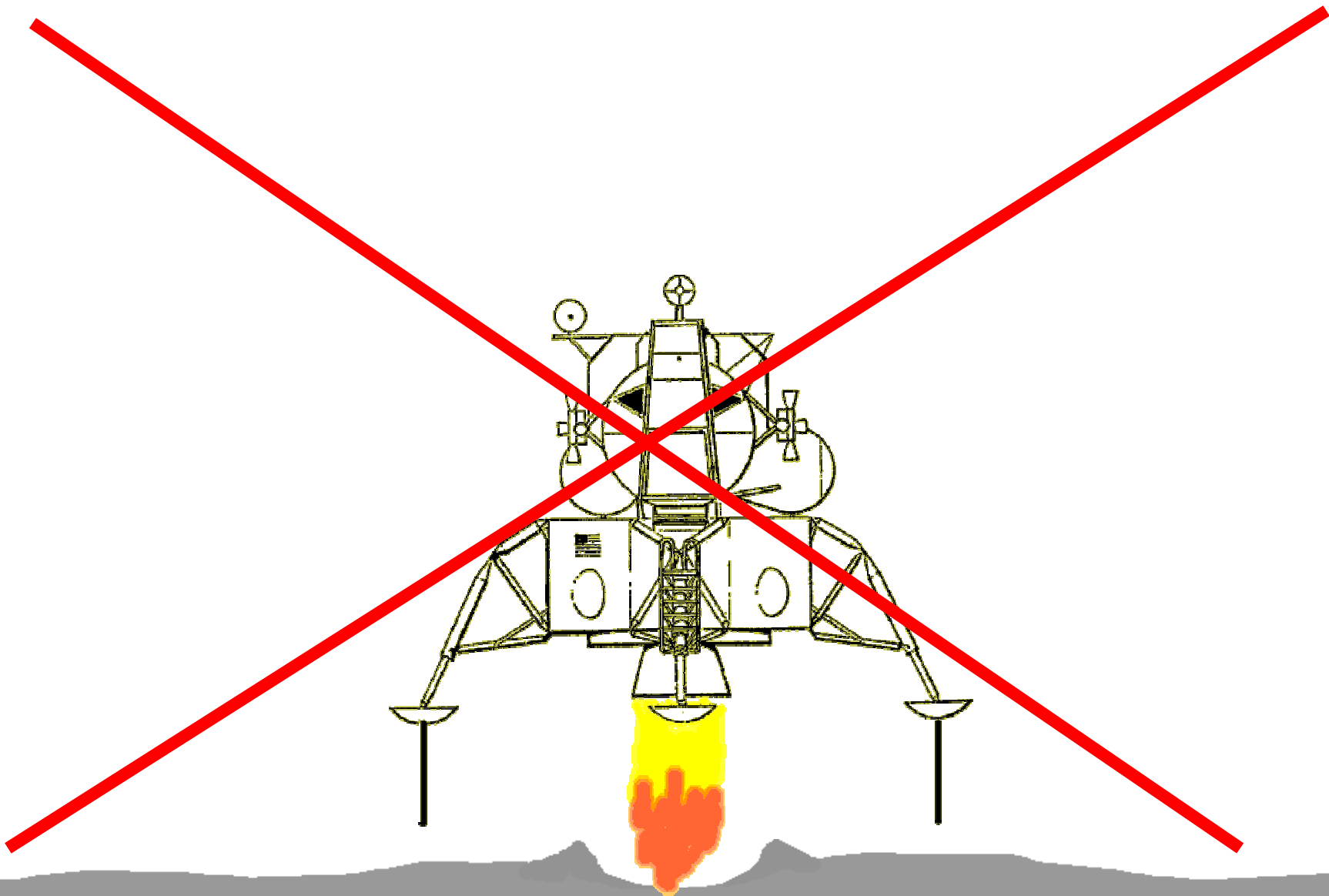
I can see some evidence of rays emanating from the descent engine,
Okay. With the ~~rays~~ ~~essentially~~ ~~gone~~ ~~clear~~ ~~wide~~ ~~of~~ ~~the~~ ~~engine~~ ~~of~~ ~~any~~ ~~size~~.
but a very insignificant amount.

Okay. The descent engine did not leave a crater of any size. It has about 1 foot clearance on the ground. We're essentially on a very level place here.

I can see some evidence of rays emanating from the descent engine, but a very insignificant amount.

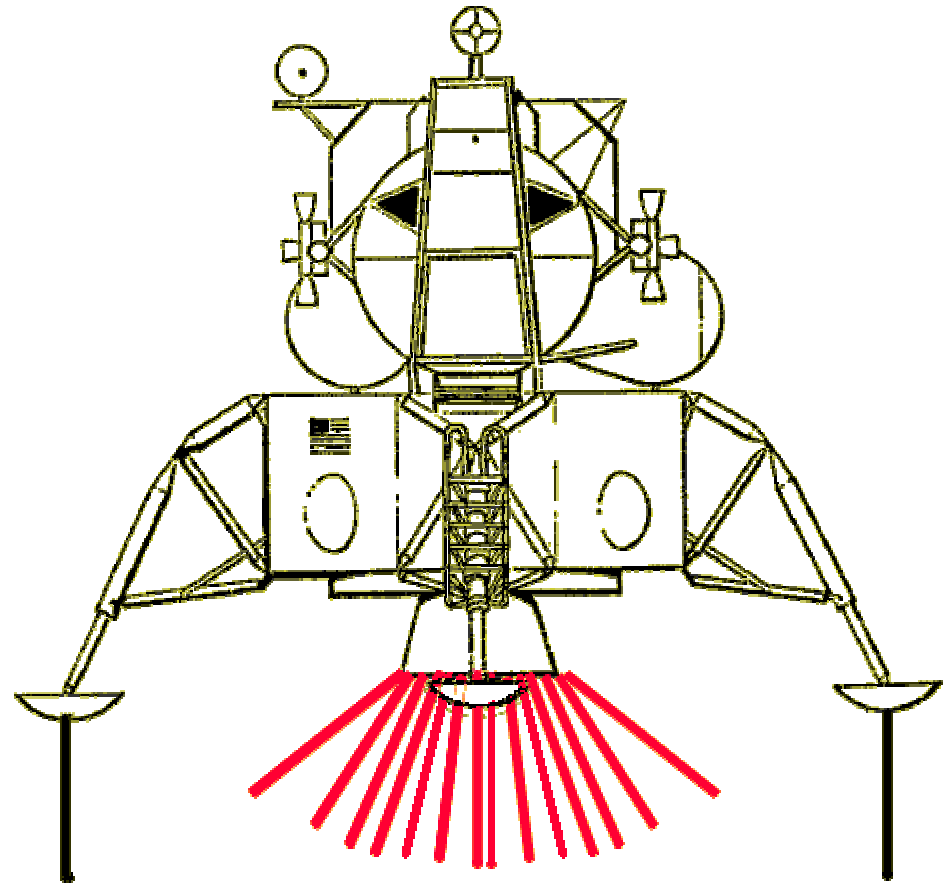


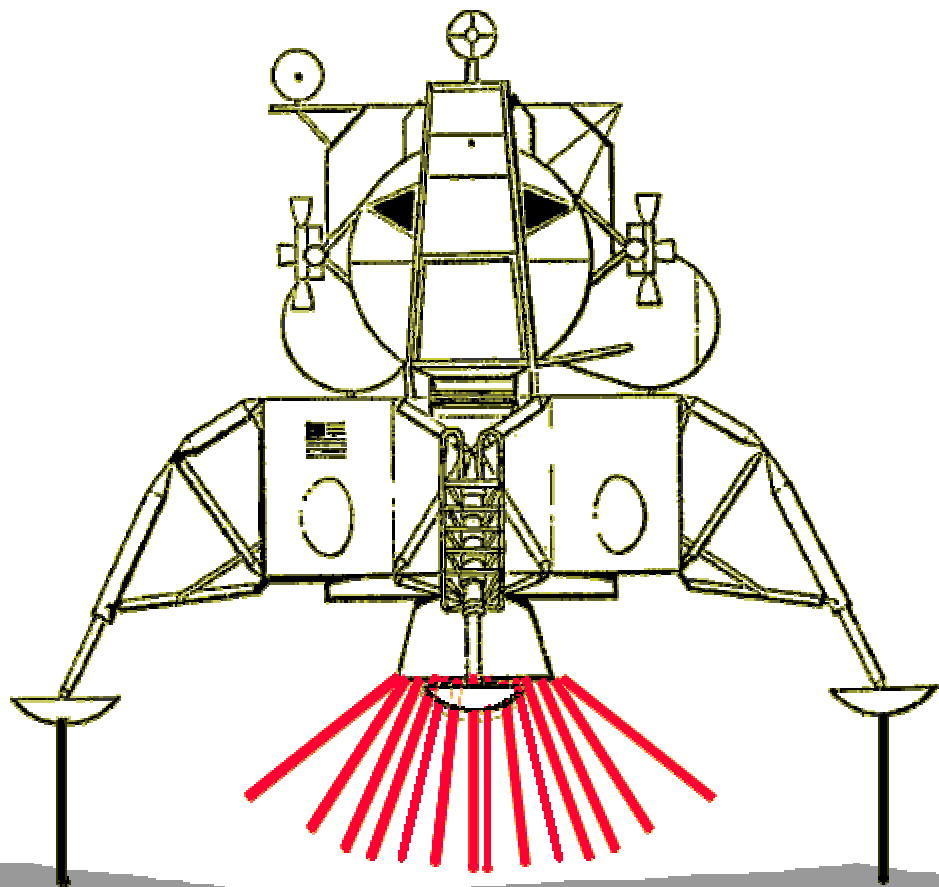


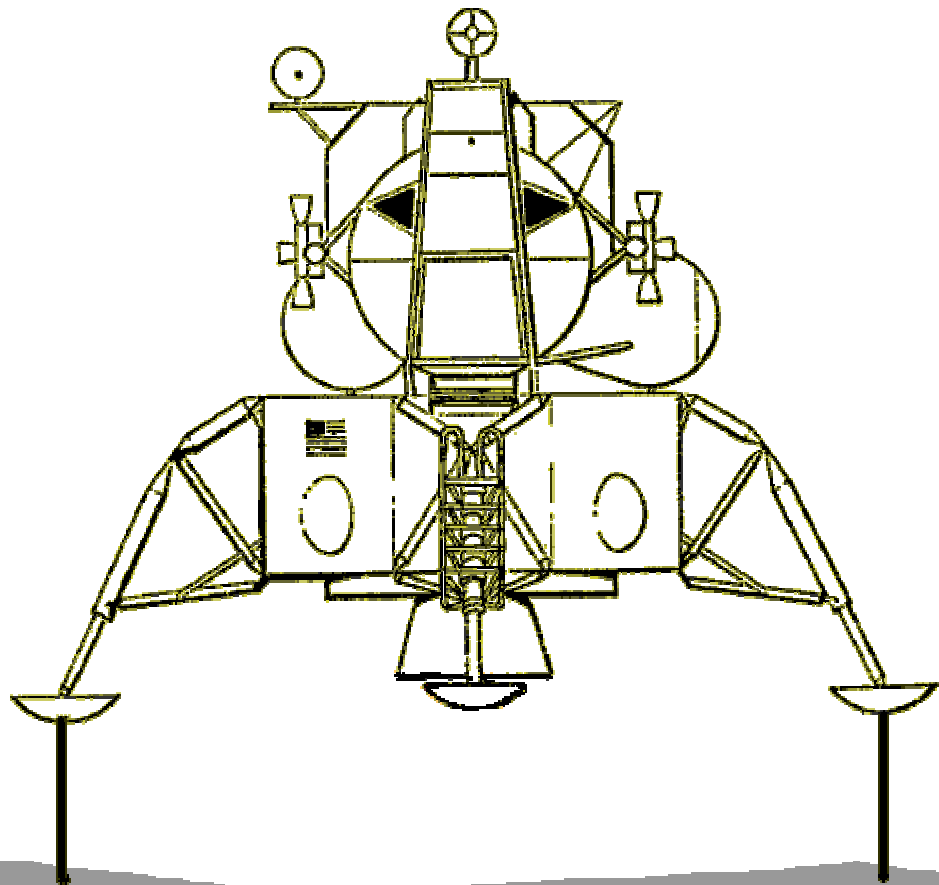


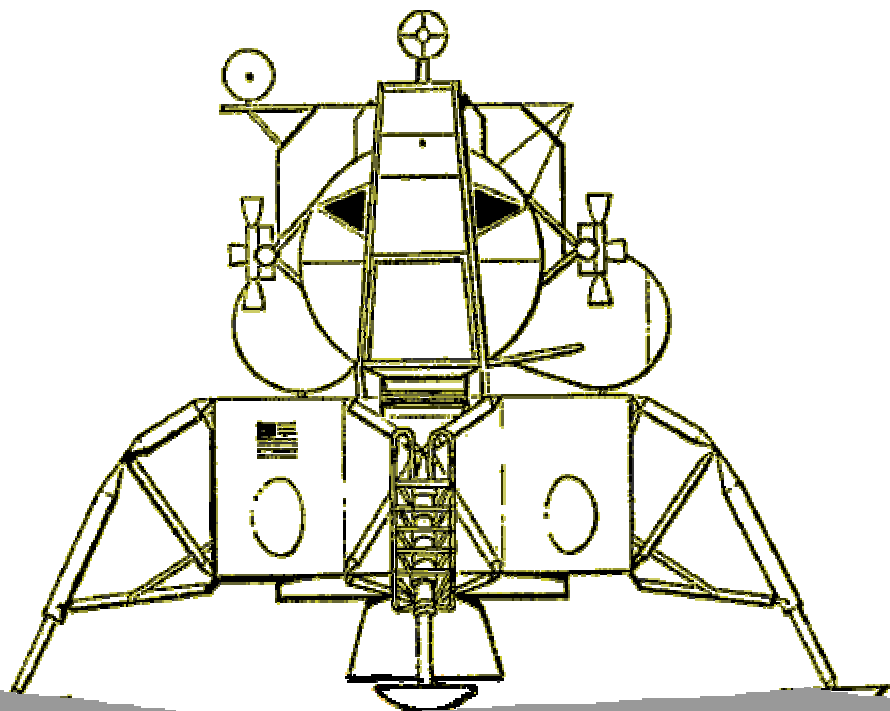




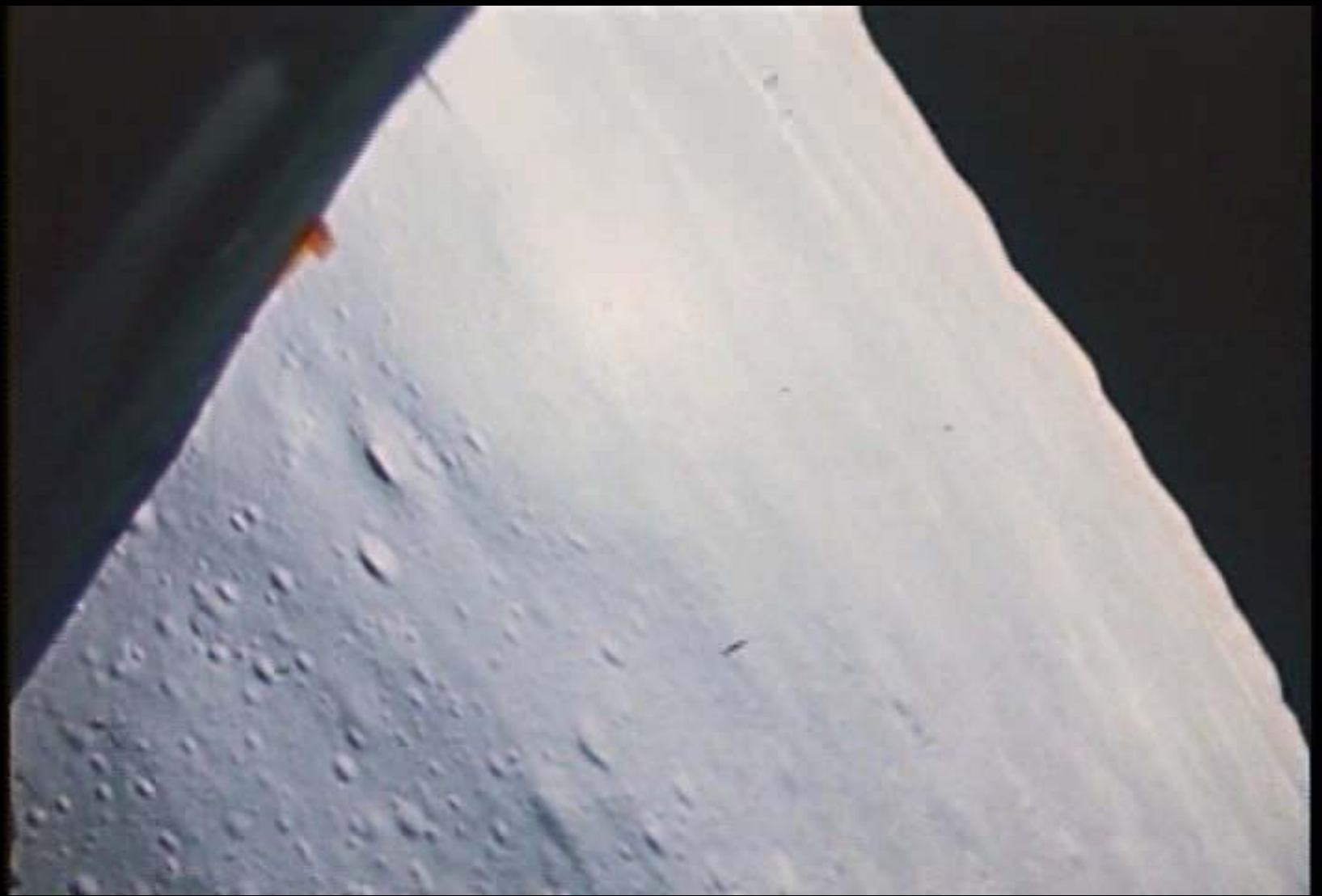














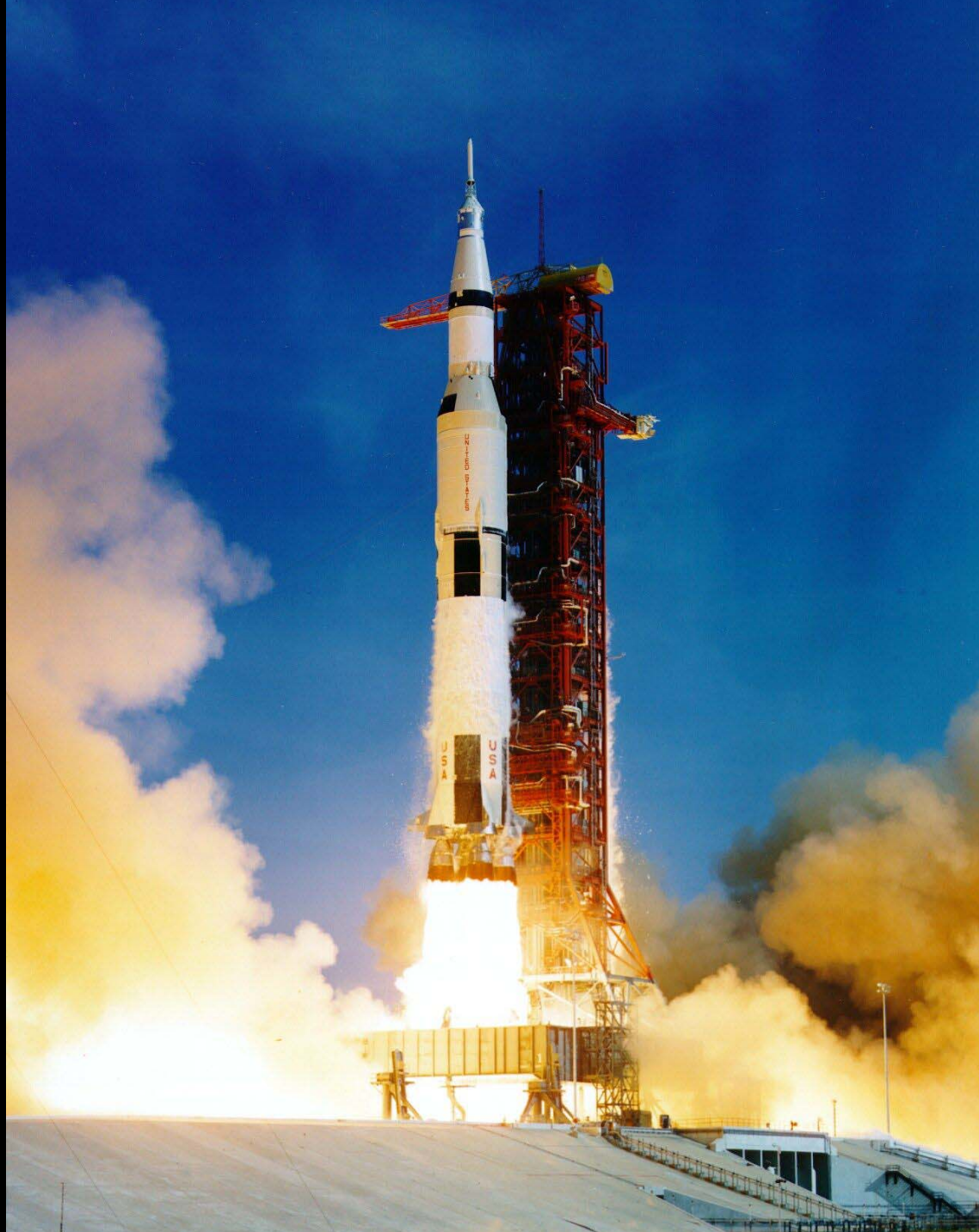




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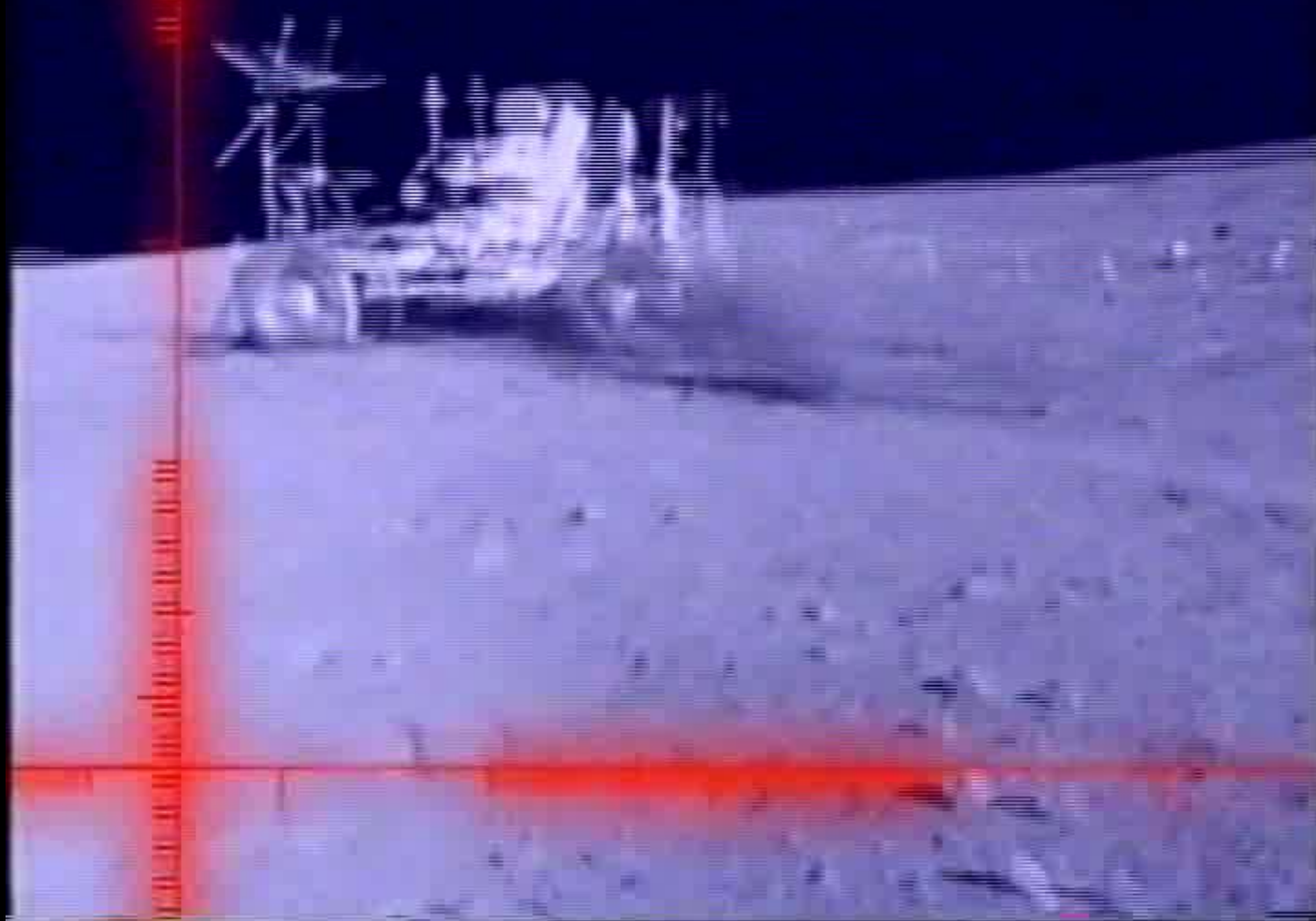
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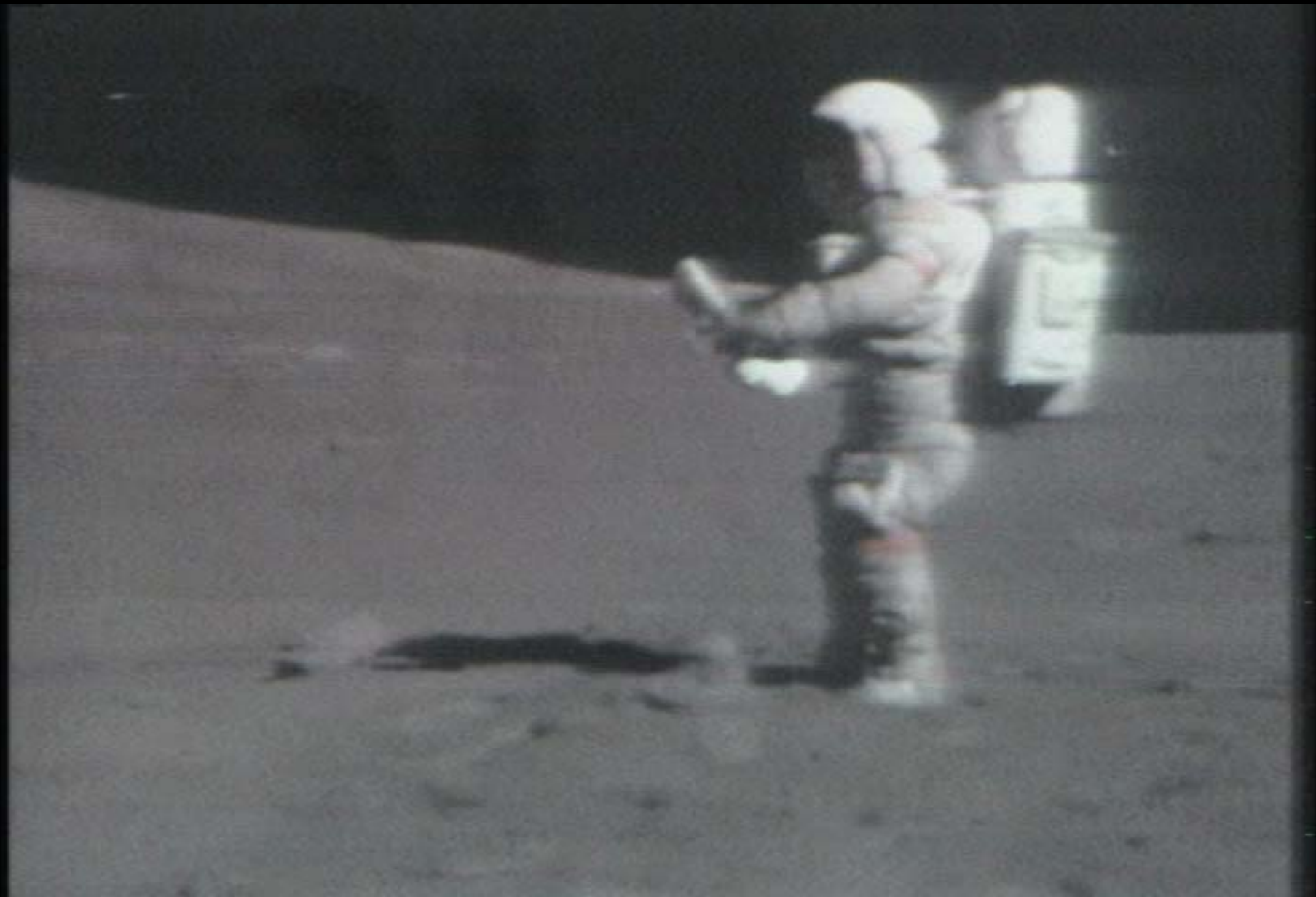
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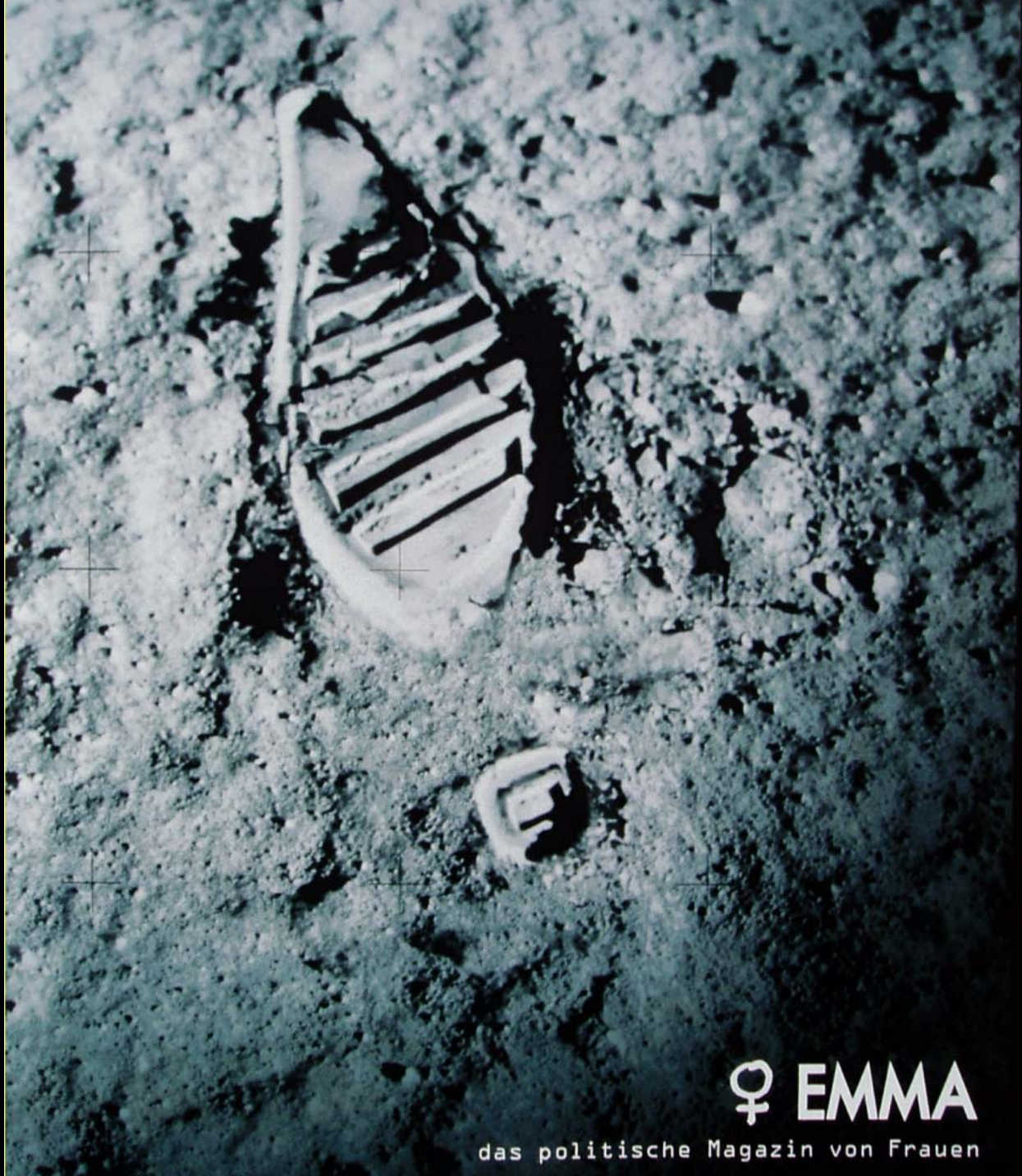






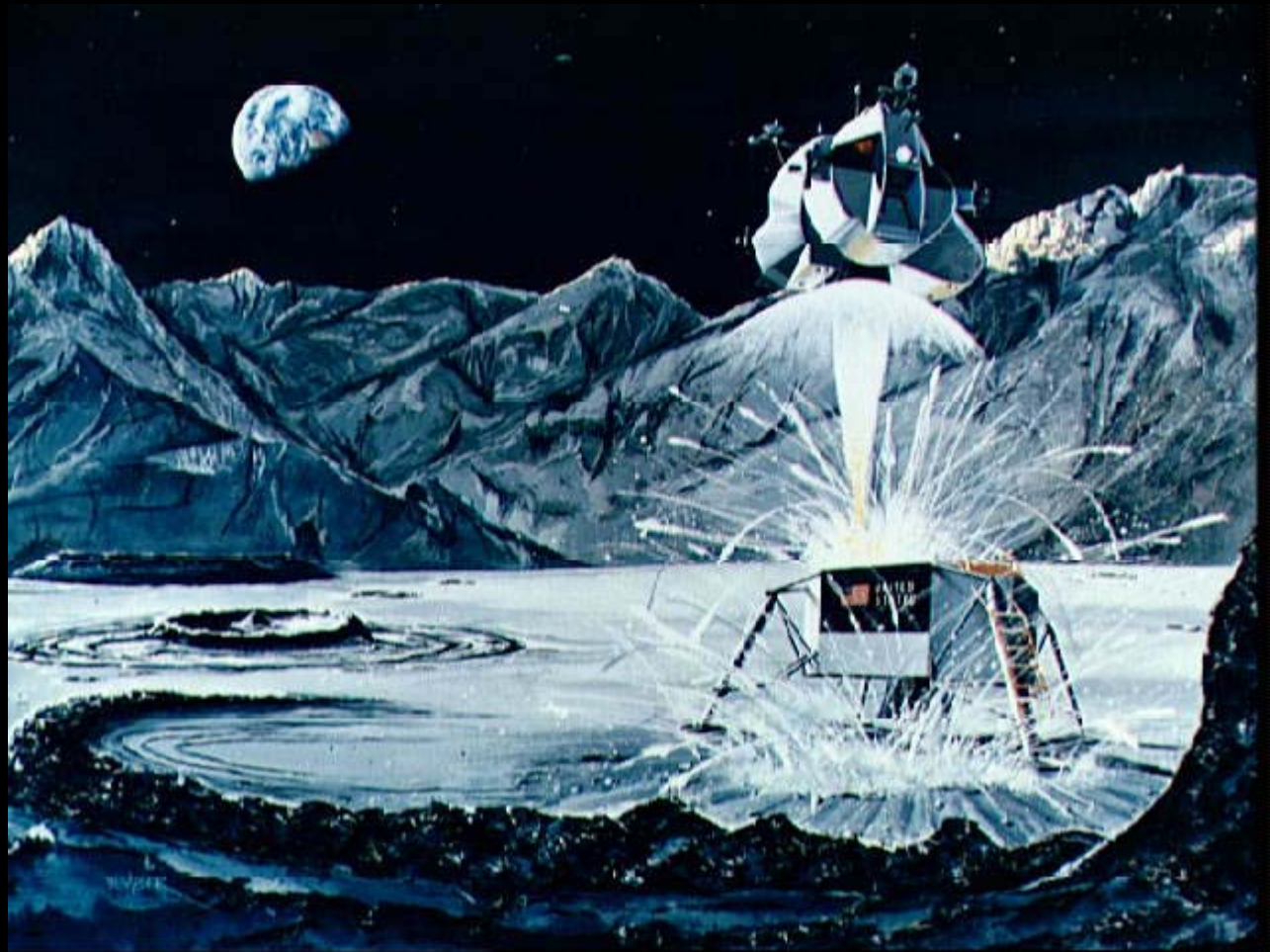


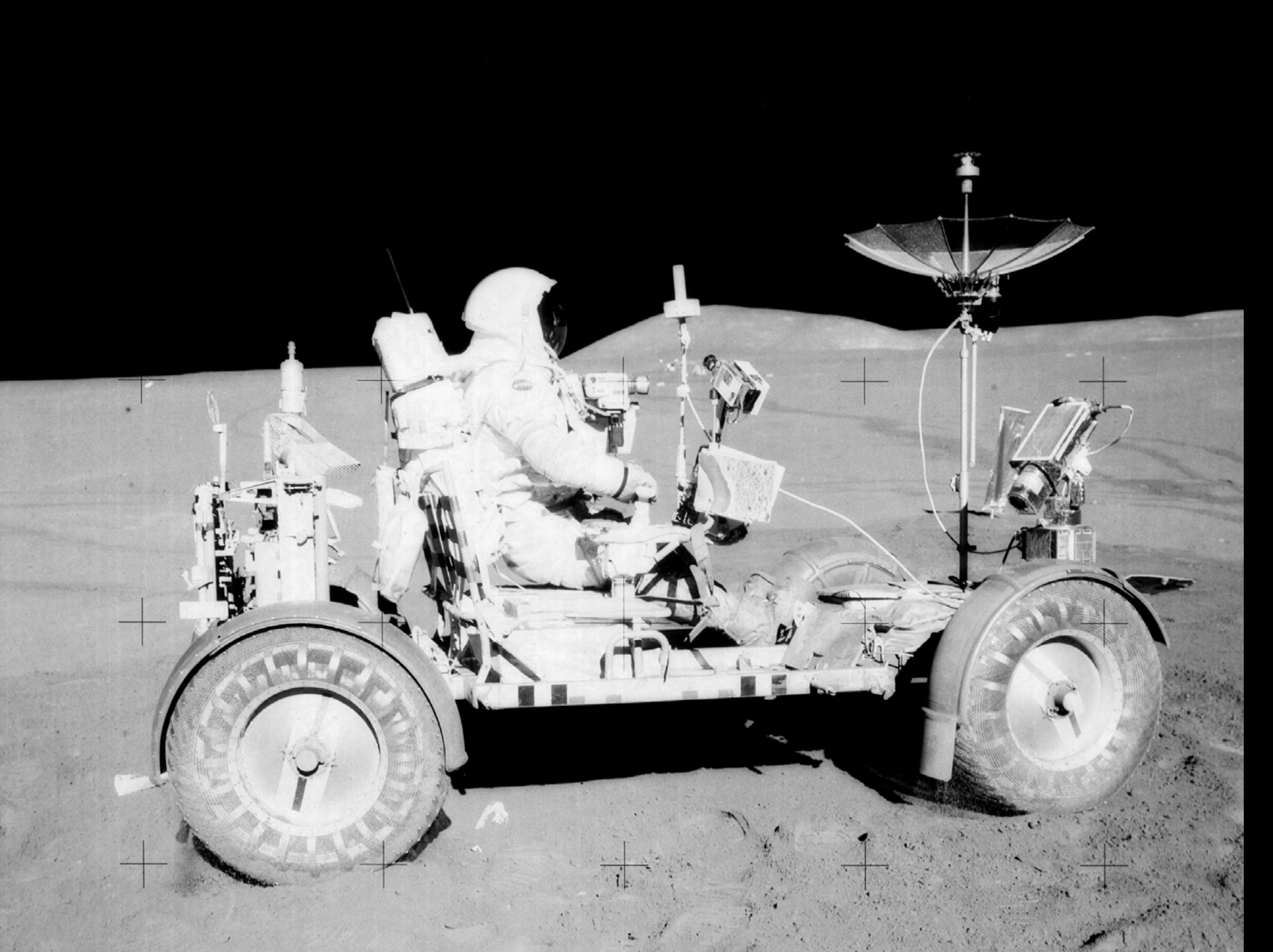




♀ EMMA

das politische Magazin von Frauen







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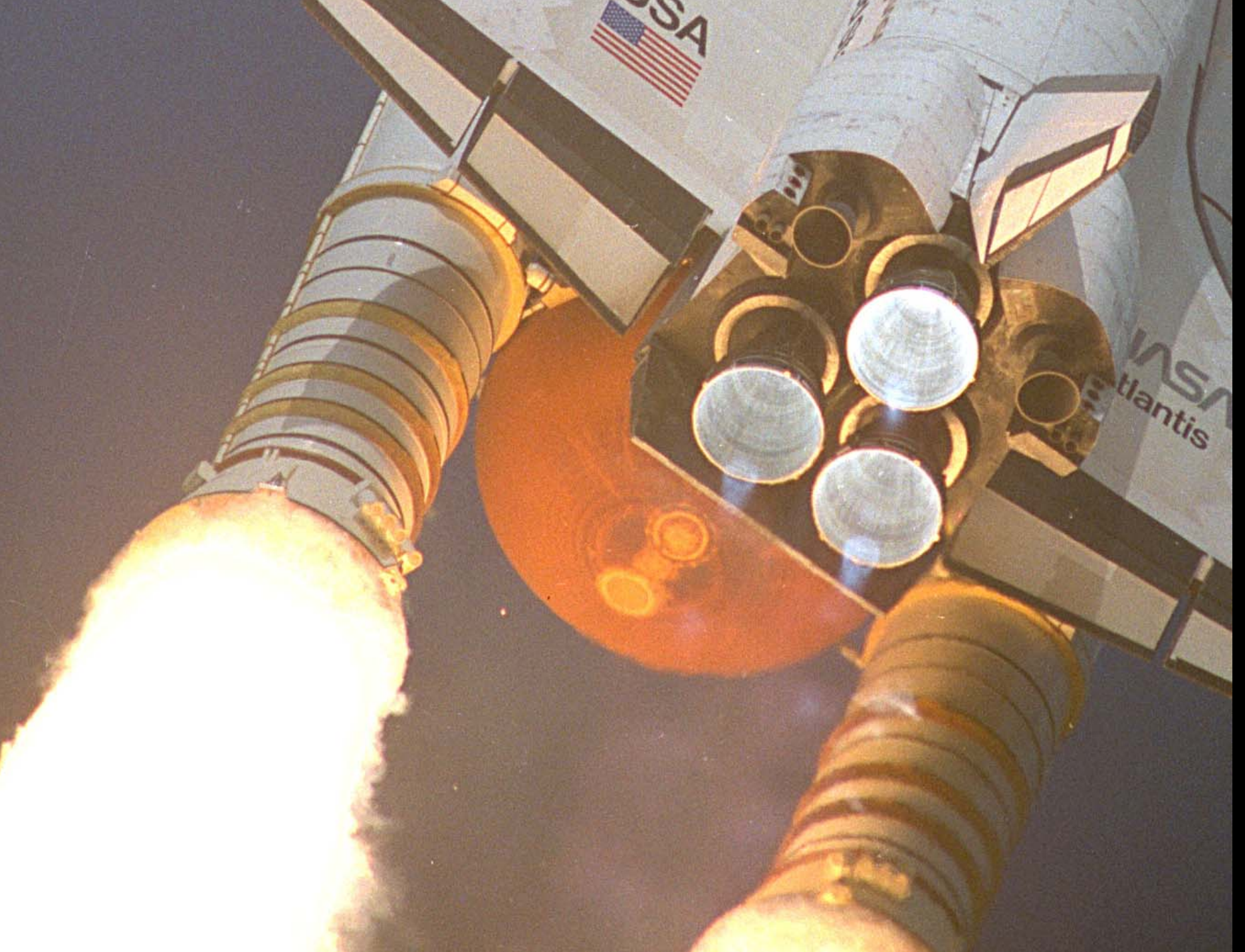
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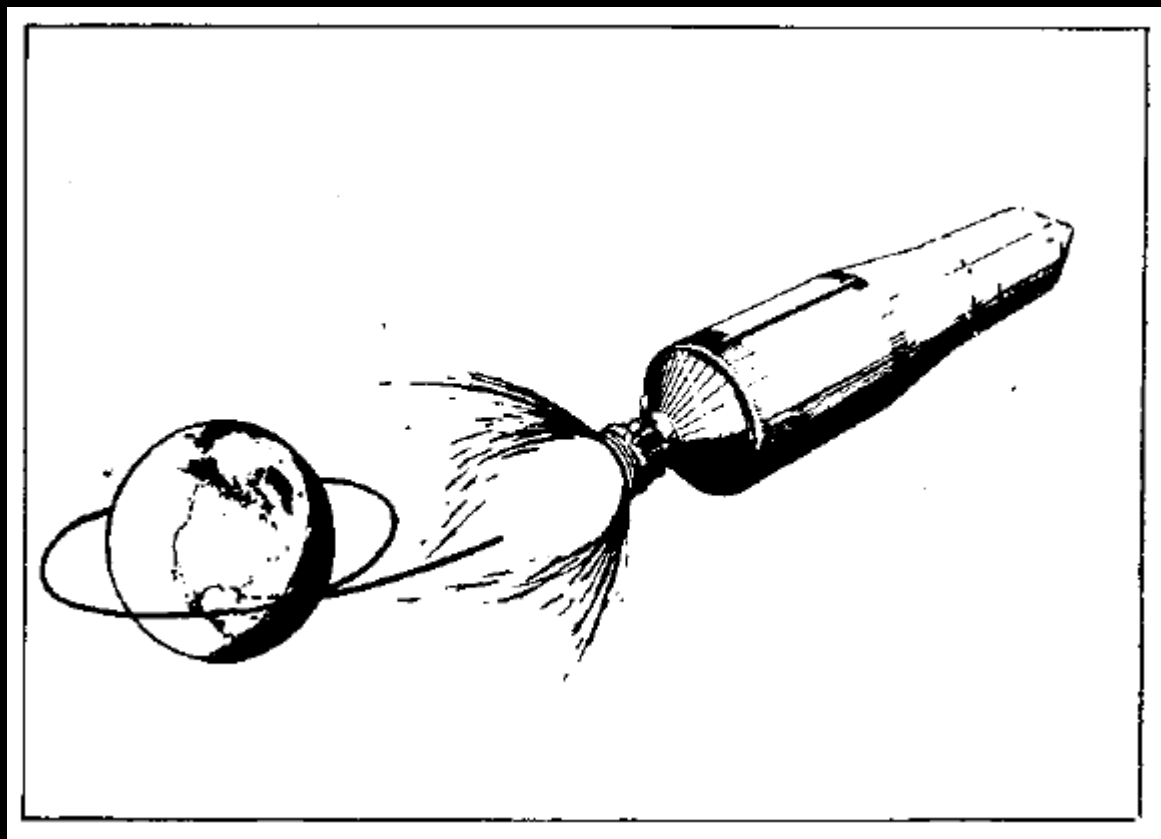




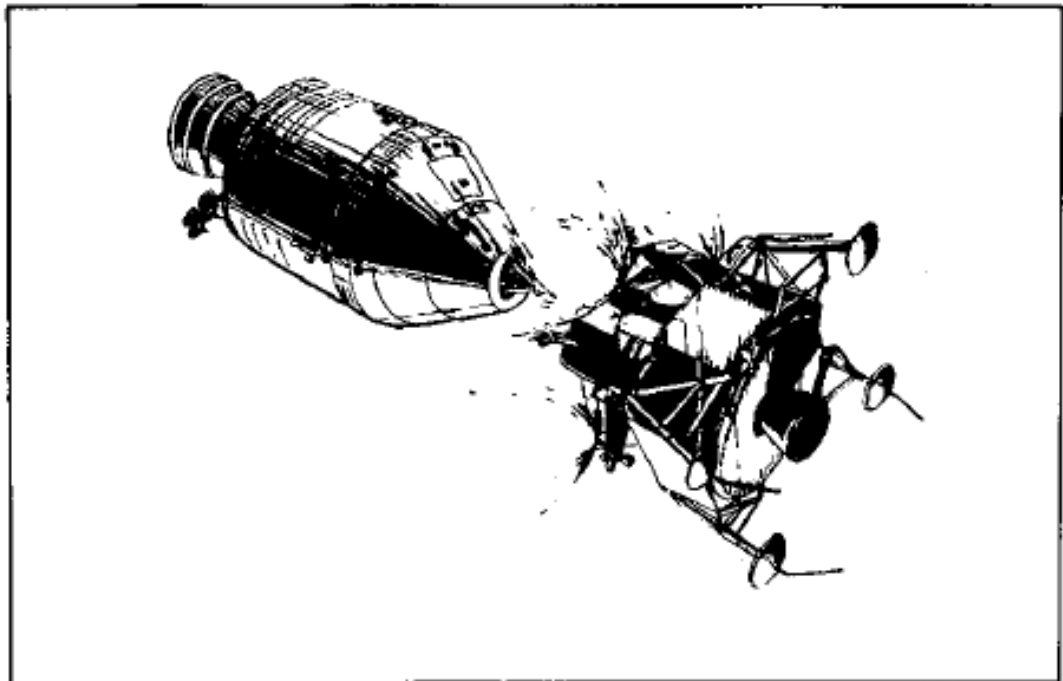




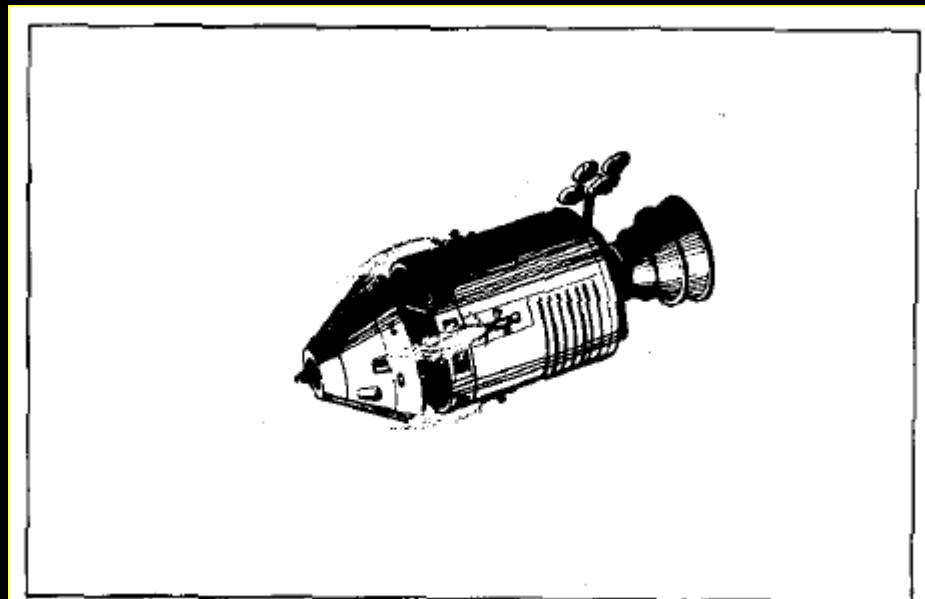








Separation Of LM From CSM



CM/SM Separation



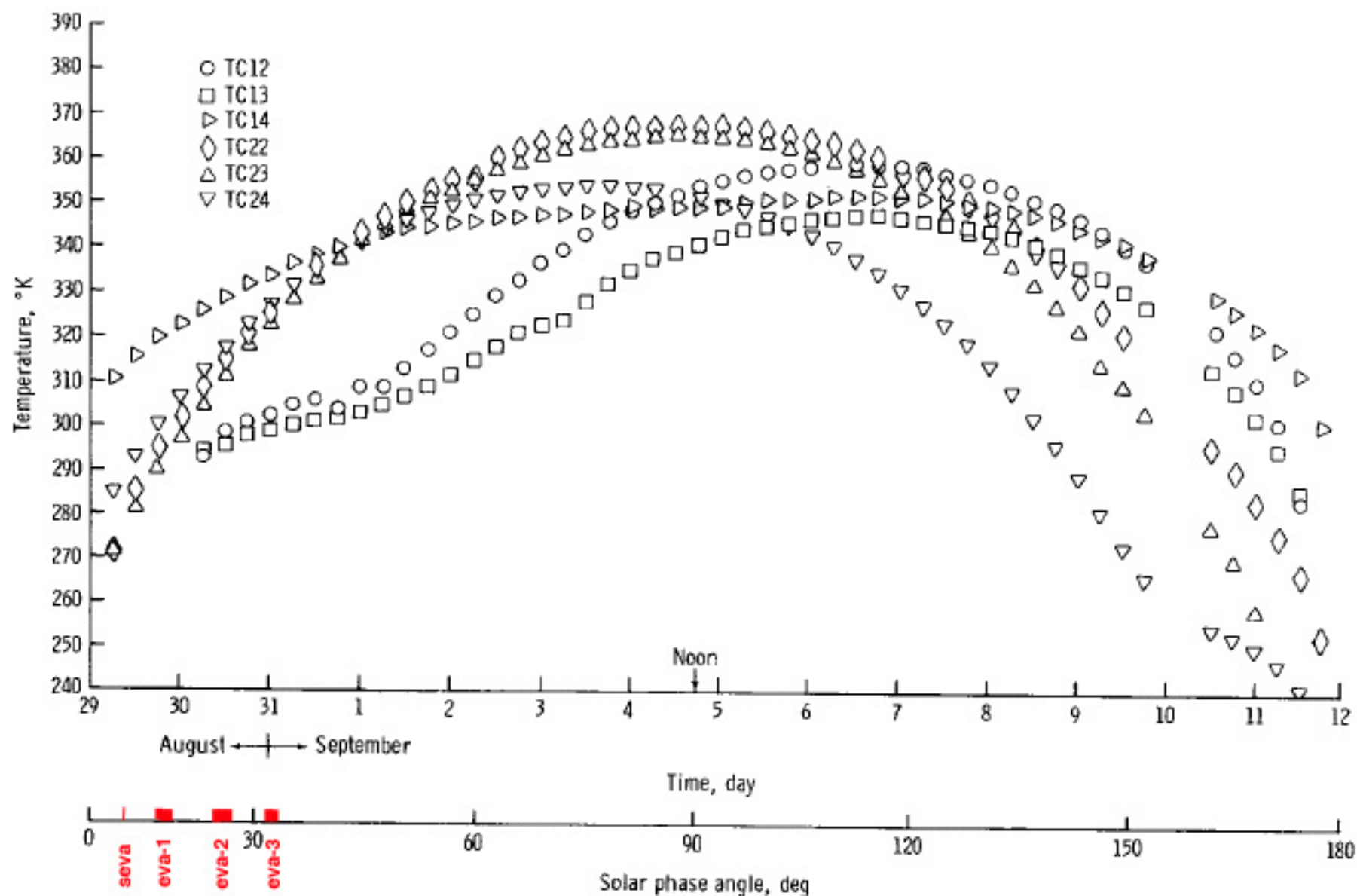
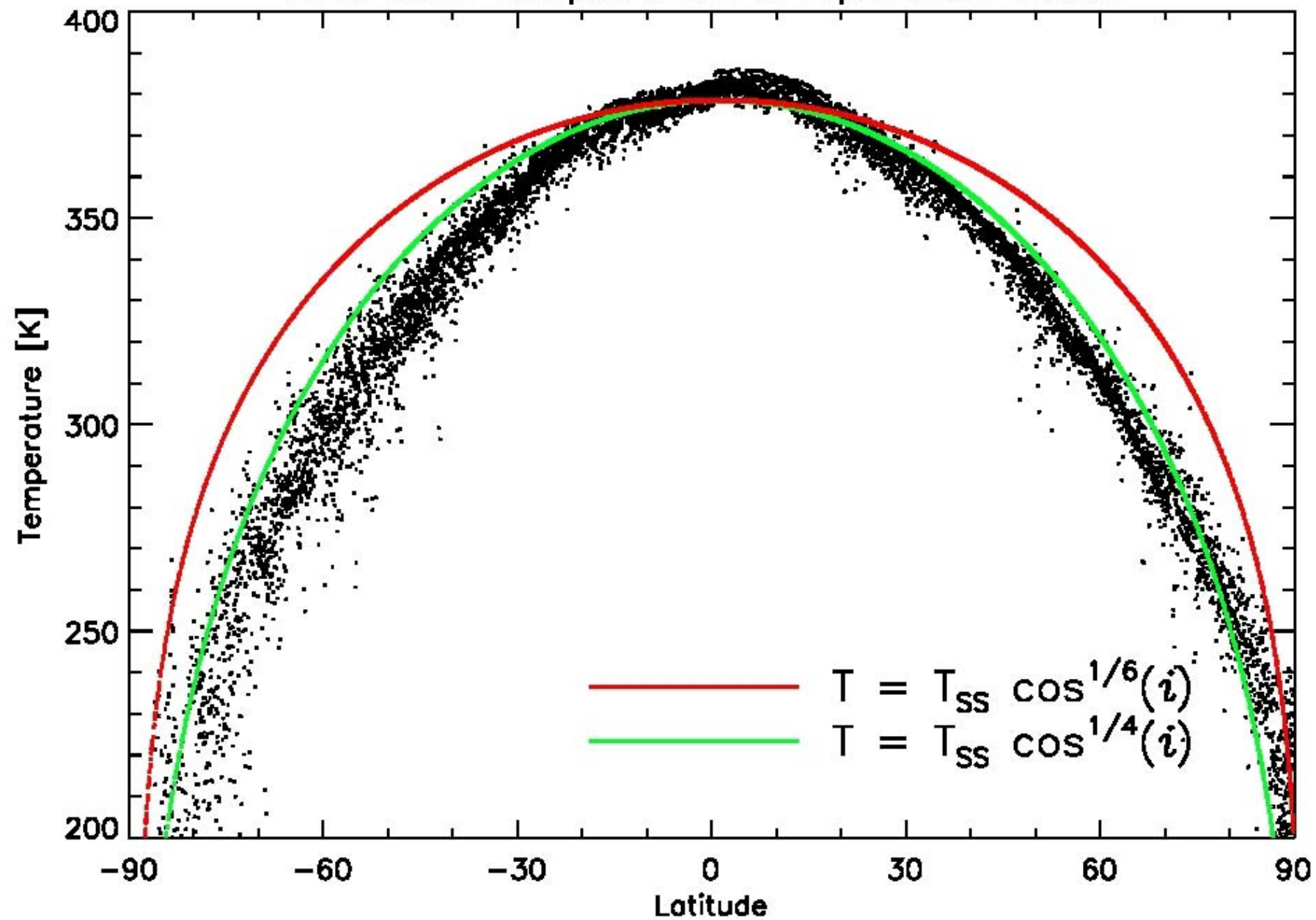
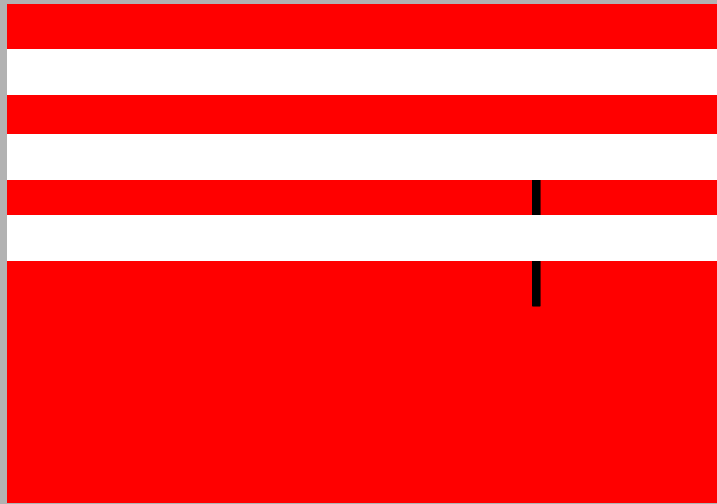


FIGURE 11-11.—Thermocouple temperatures as functions of time for the second lunar day. Thermocouples TC12 and TC13 measure the probe 1 cable temperatures; TC22, TC23, and TC24 measure the probe 2 cable temperatures; and TC14 measures the probe 1 borestem temperature.

LWIR Mean Temperatures & Equilibrium Models





Neil Armstrong auf dem Mond:

“The descent engine did not leave a crater of any size. It has about 1 foot clearance on the ground. I can see some evidence of rays emanating from the descent engine, but a very insignificant amount.”

“Das Abstiegstriebwerk hat keinen nennenswerten Krater hinterlassen. Es hat einen Abstand von ungefähr 30 cm vom Boden. ... Ich kann Spuren von Strahlen sehen, die aus dem Triebwerk kommen, aber nur ganz wenige”