

# Apollo 15: Lunar Rover

HONR 269i

To the Moon and Back: The Apollo Program

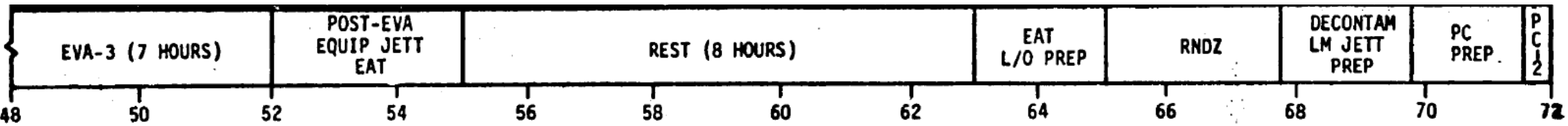
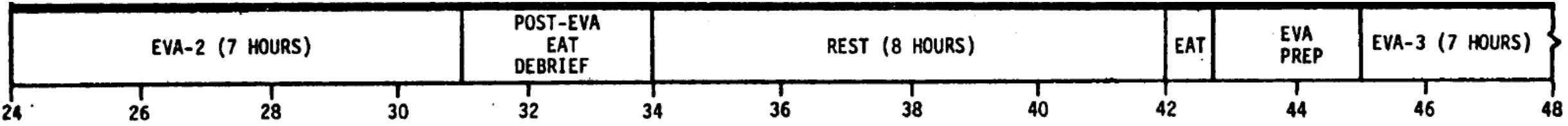
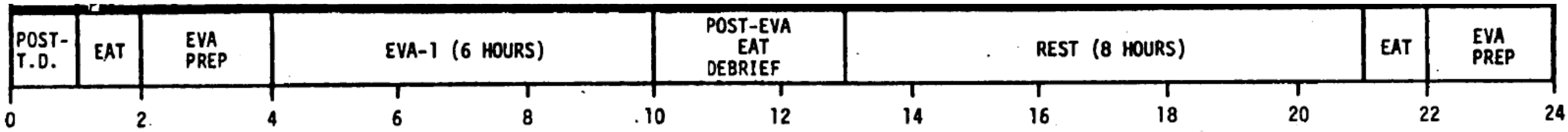
# Cancellations

- January 1970
  - Apollo 20 was cancelled to provide a Saturn V for Skylab
  - Apollo 18 and Apollo 19 were delayed until after Skylab to provide a backup
- April 1970
  - Apollo 14 was assigned to repeat the aborted Apollo 13 mission to Fra Mauro
- September 1970
  - Apollo 18 and 19 were cancelled for financial reasons
  - Apollo 15's planned H mission was converted to a J mission
  - Apollo 16 and Apollo 17 would also fly J missions, as originally planned



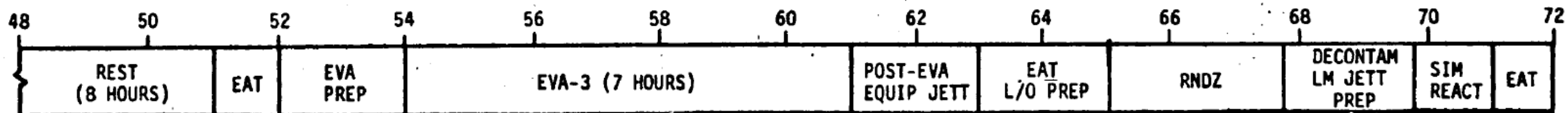
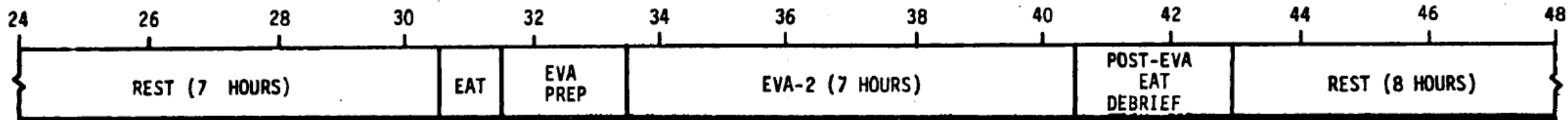
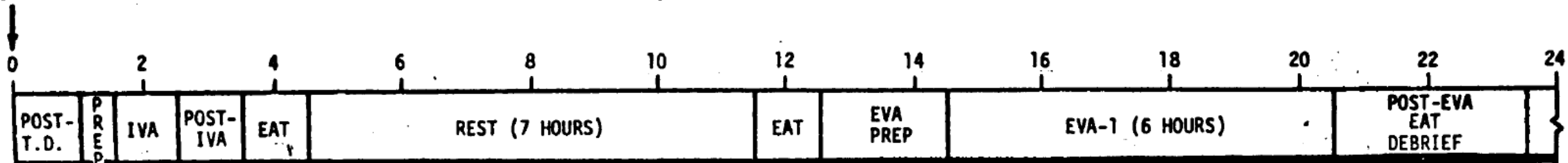
# EVA-First Plan

TOUCHDOWN  
↓



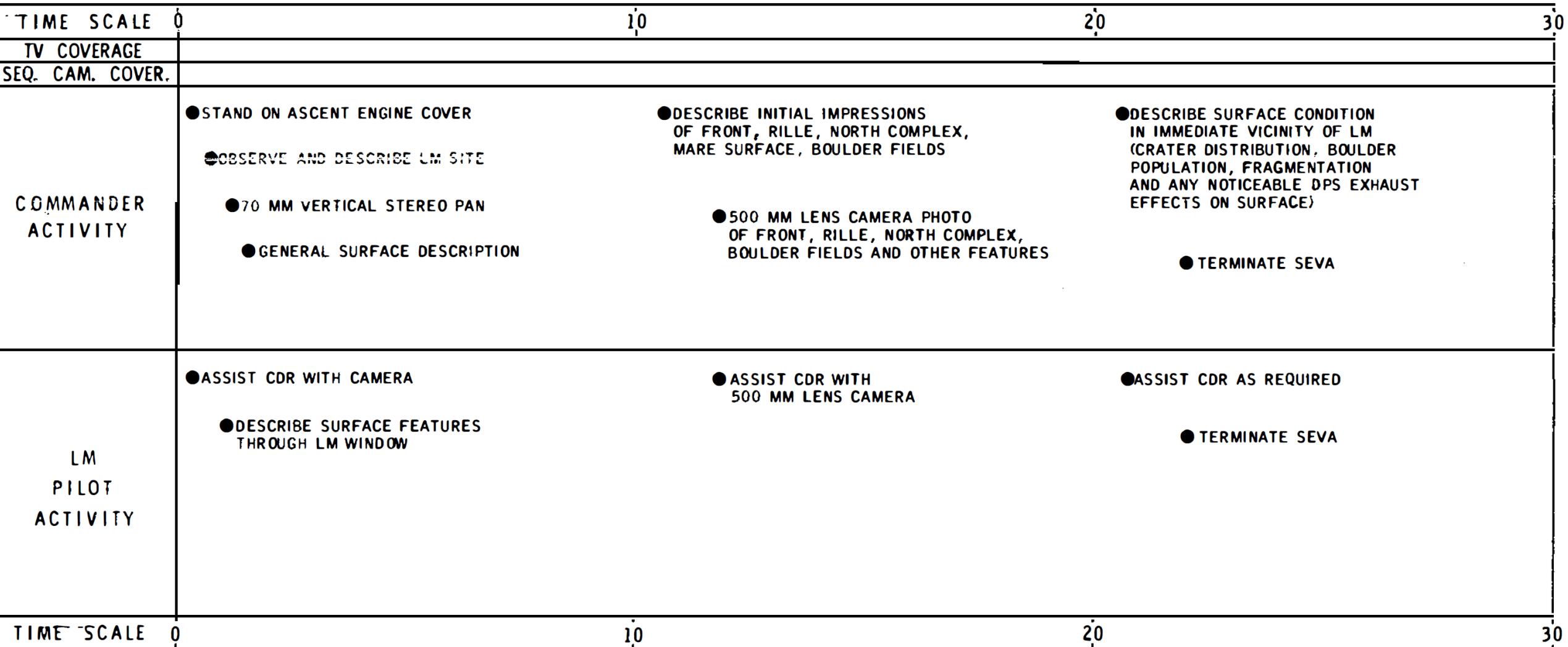
# Sleep-First Plan

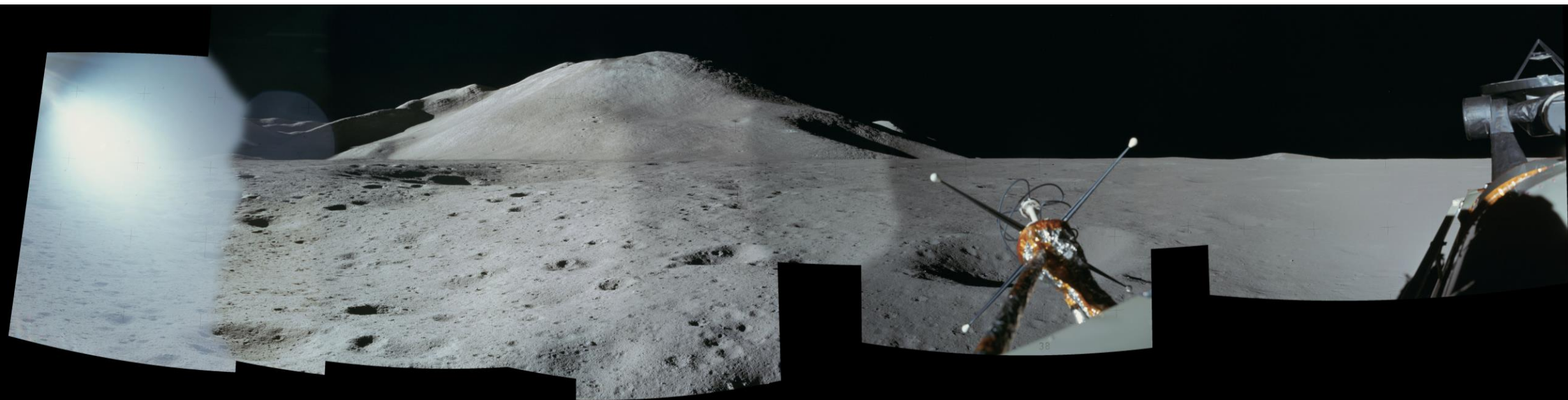
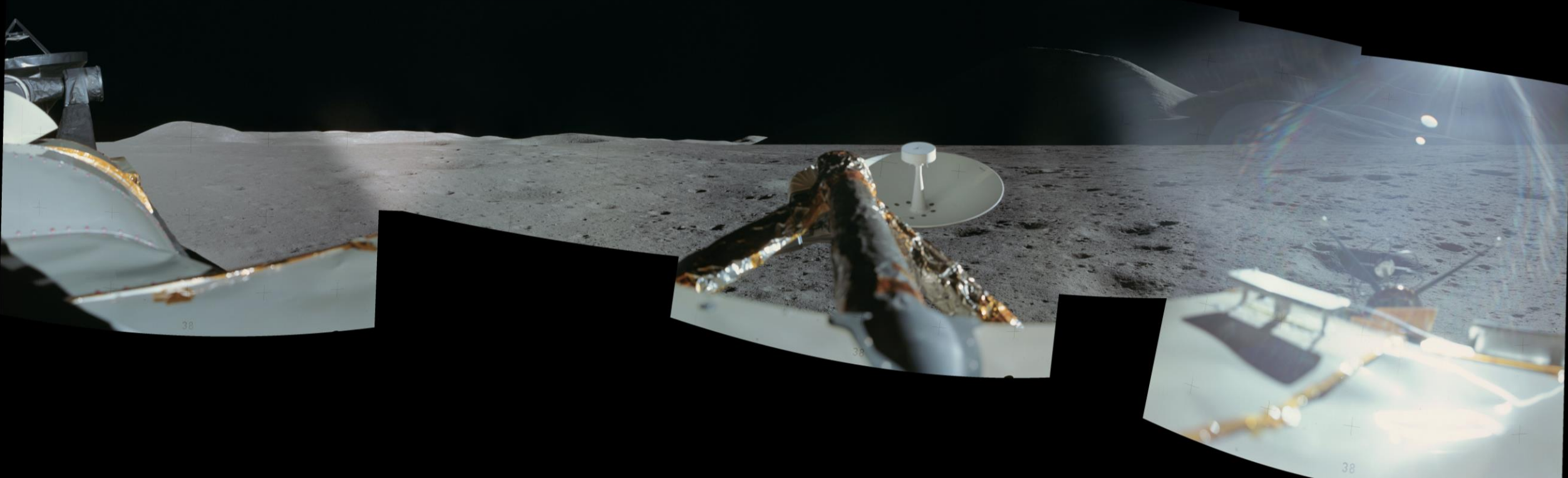
TOUCHDOWN

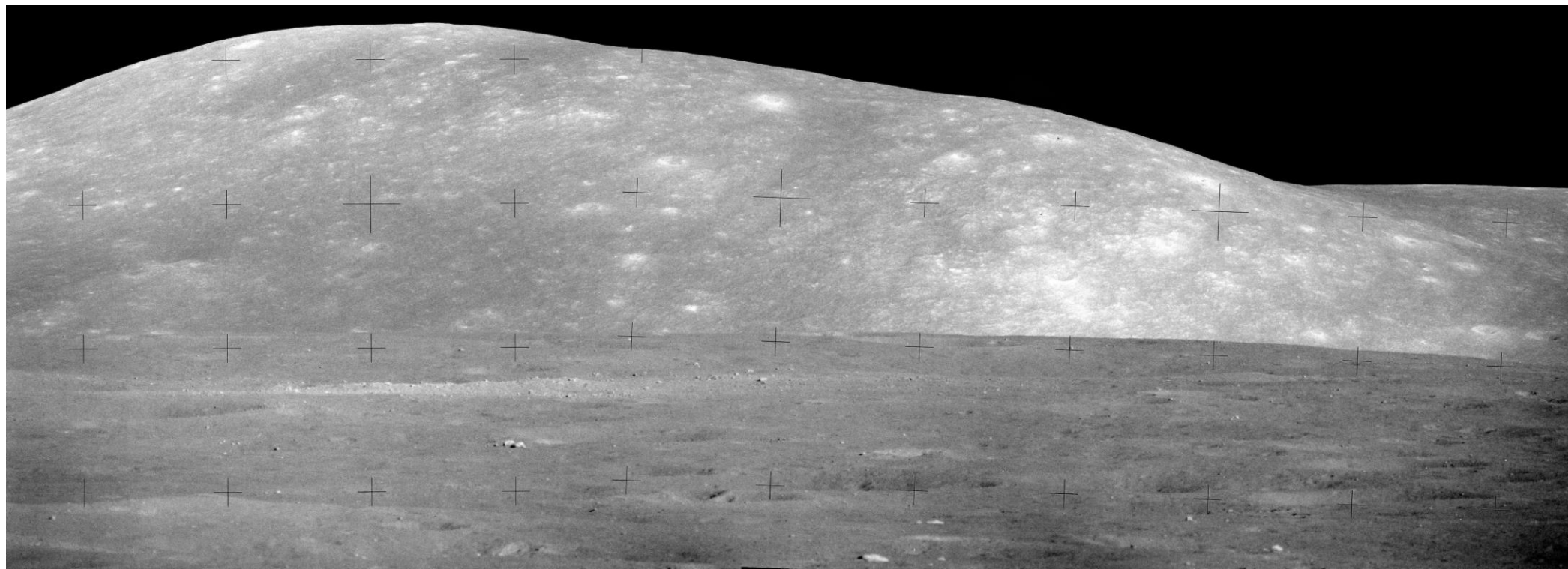
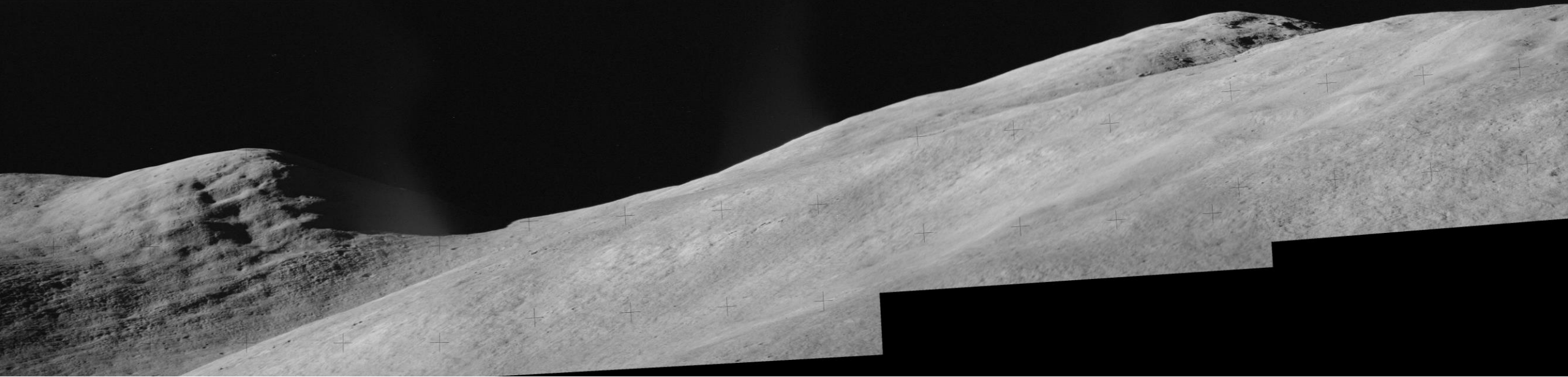


# APOLLO 15 SUMMARY TIMELINE

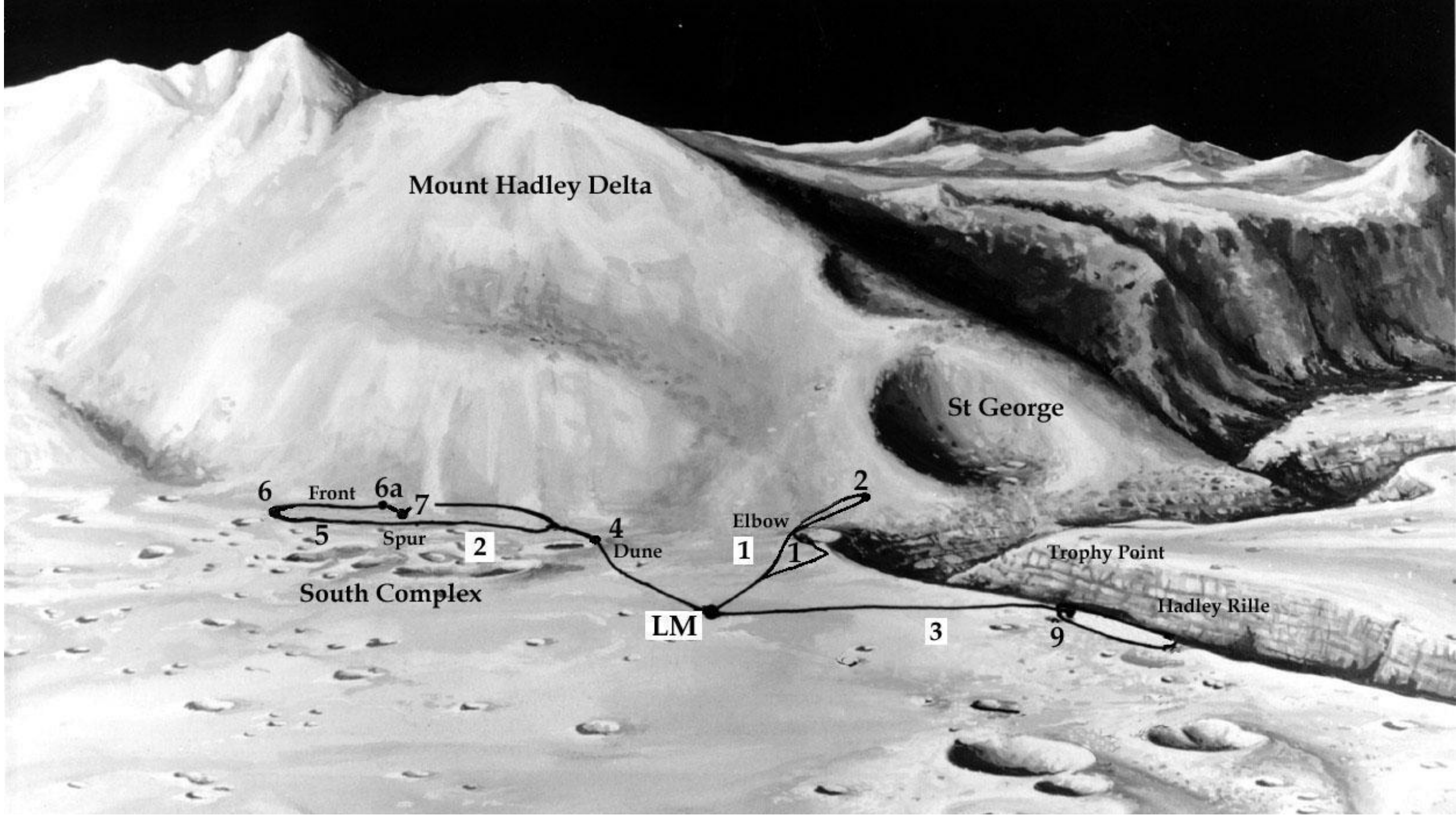
## LUNAR SURFACE SEVA











Mount Hadley Delta

St George

6 Front 6a 7  
5 Spur

2

4 Dune

Elbow  
1 1

2

Trophy Point

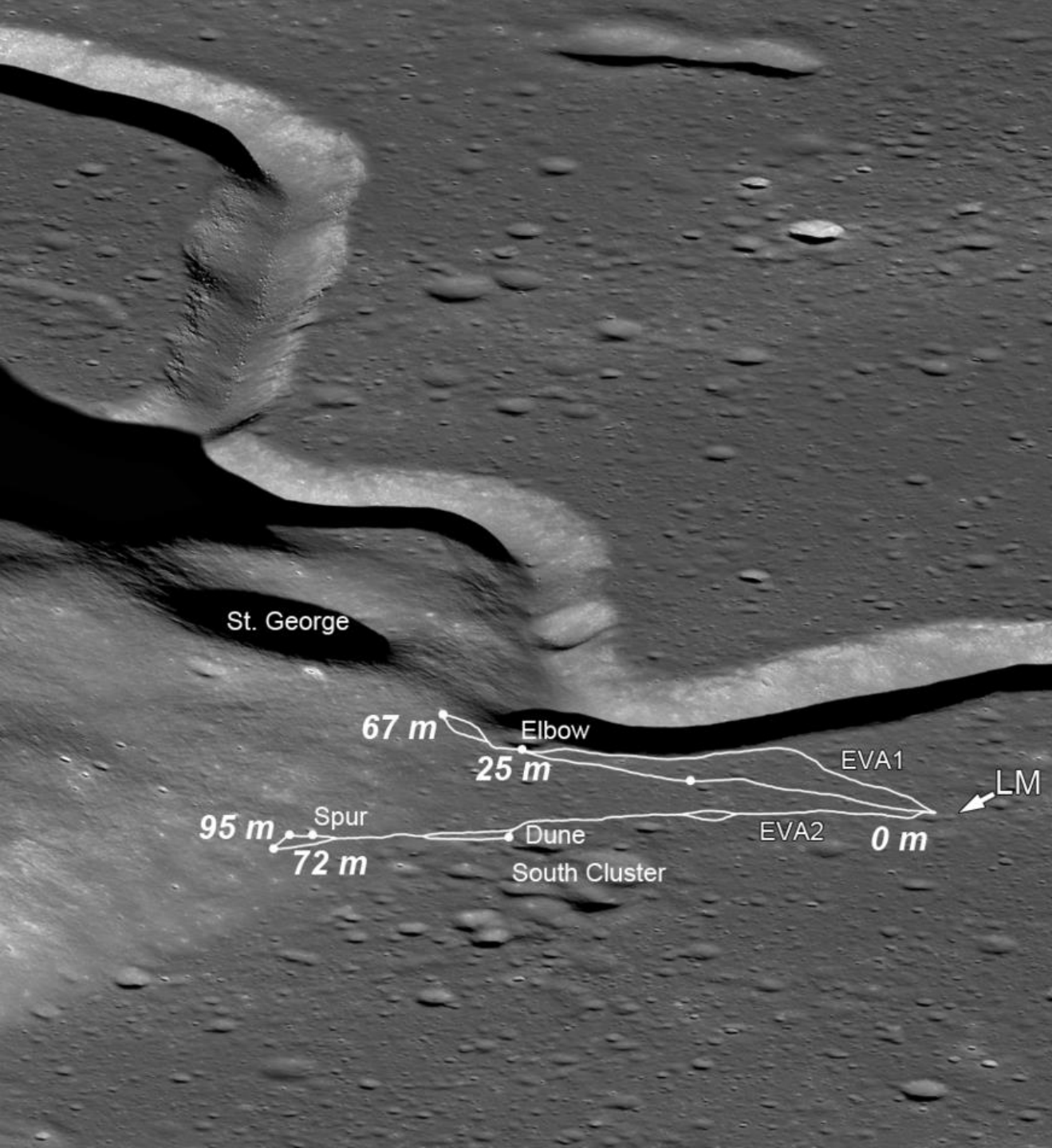
South Complex

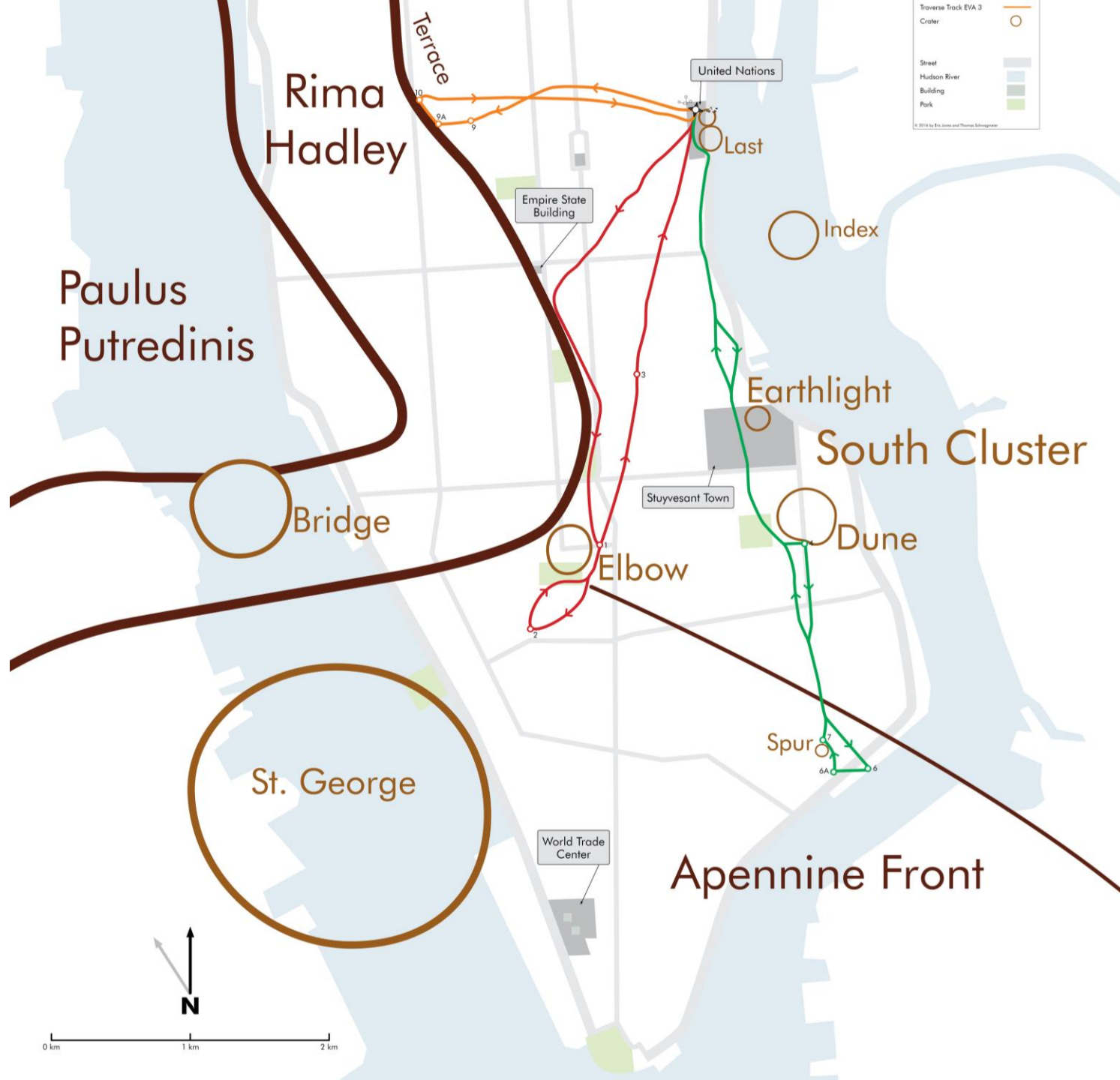
LM

3

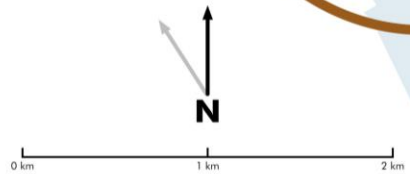
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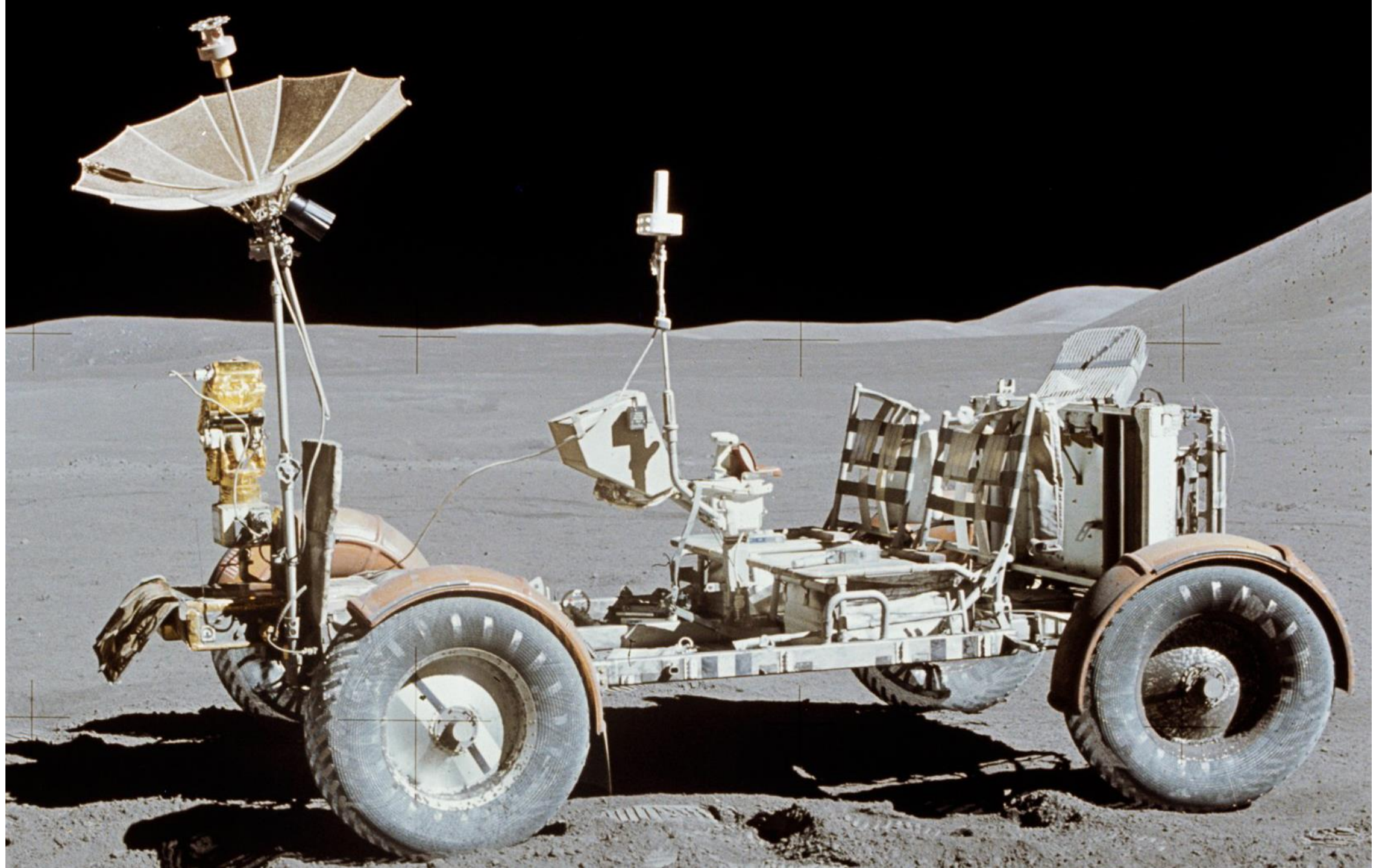
Hadley Rille





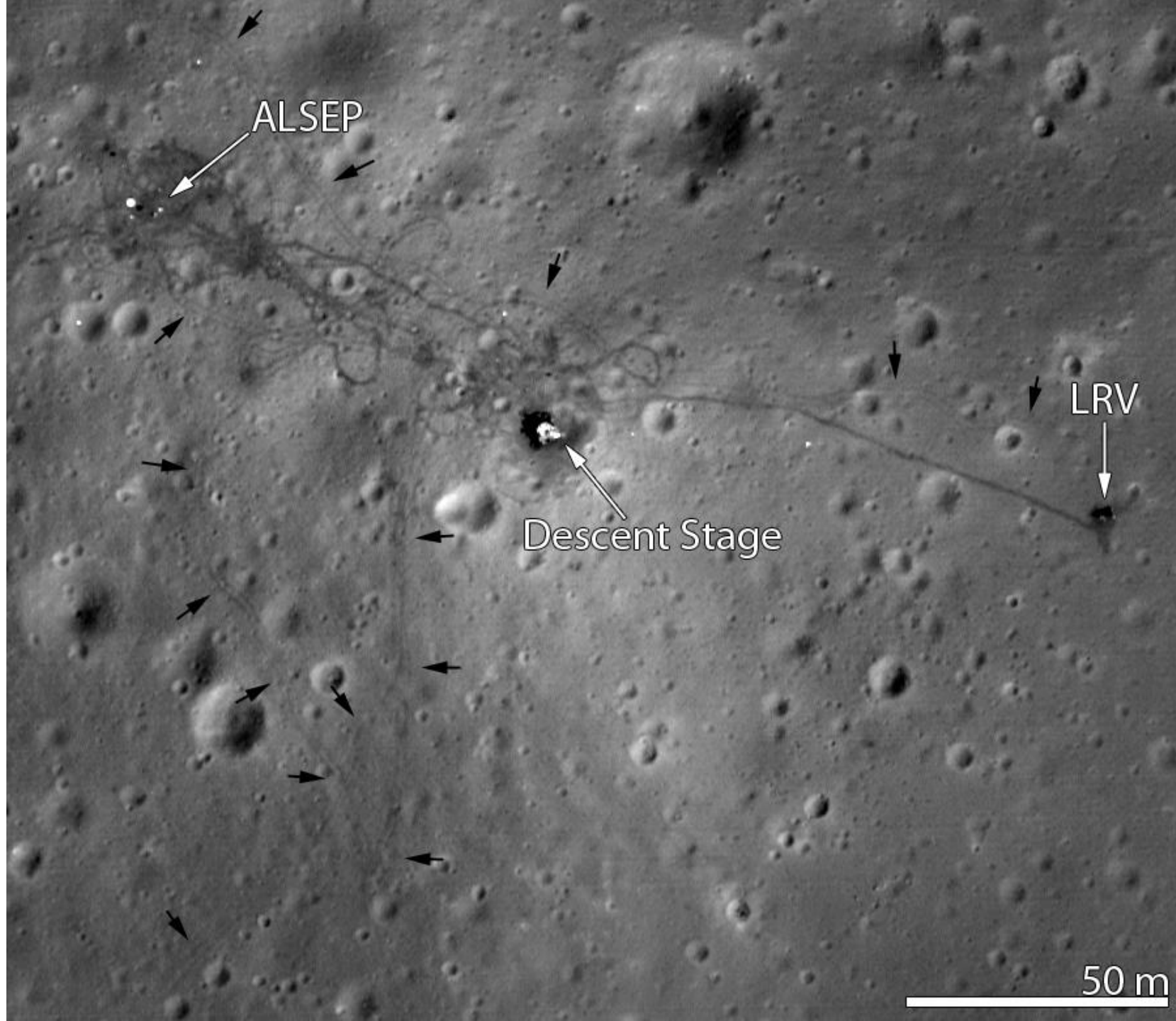
Traverse Track EVA 3	
Crater	
Street	
Hudson River	
Building	
Park	



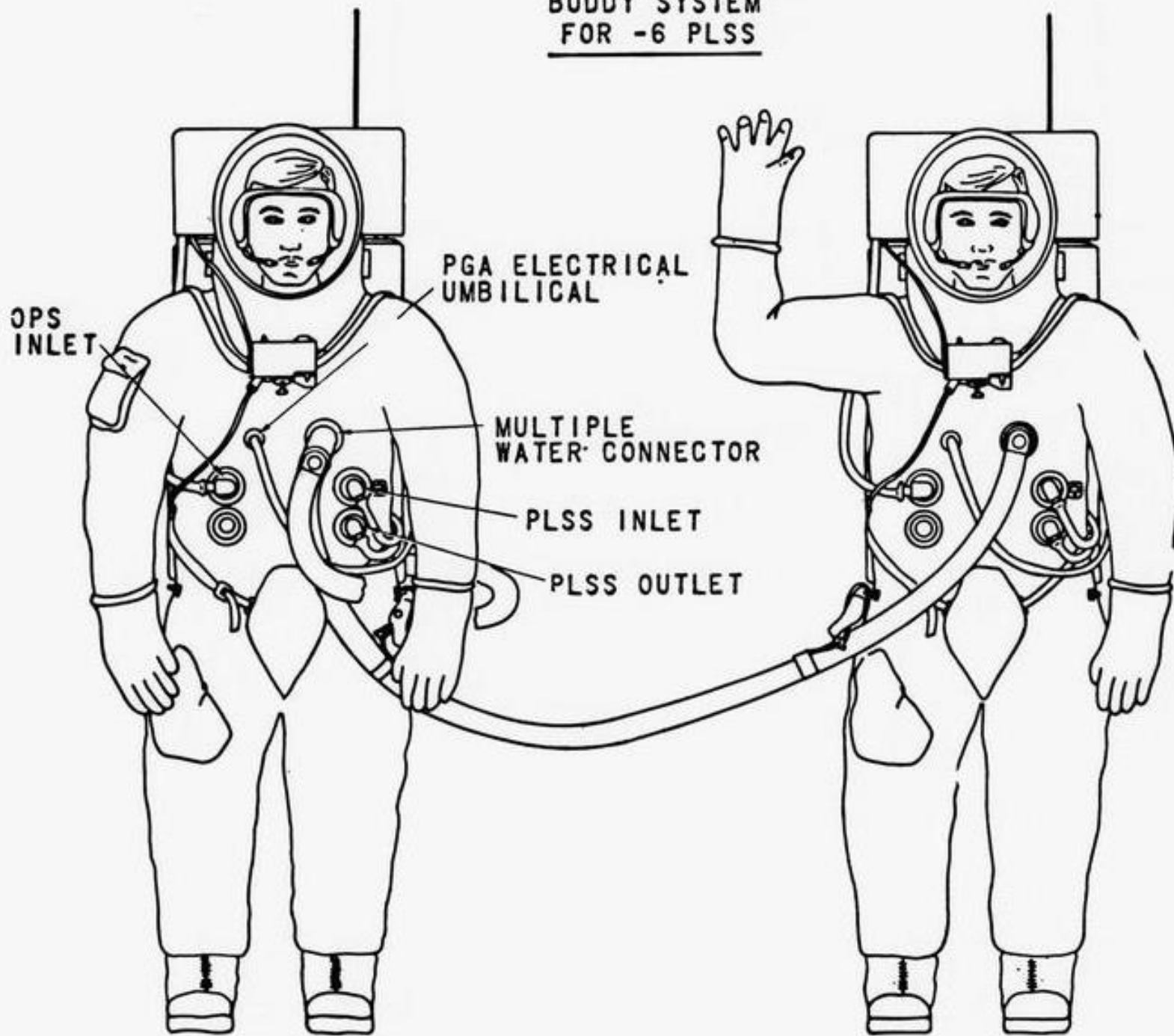


# Animation

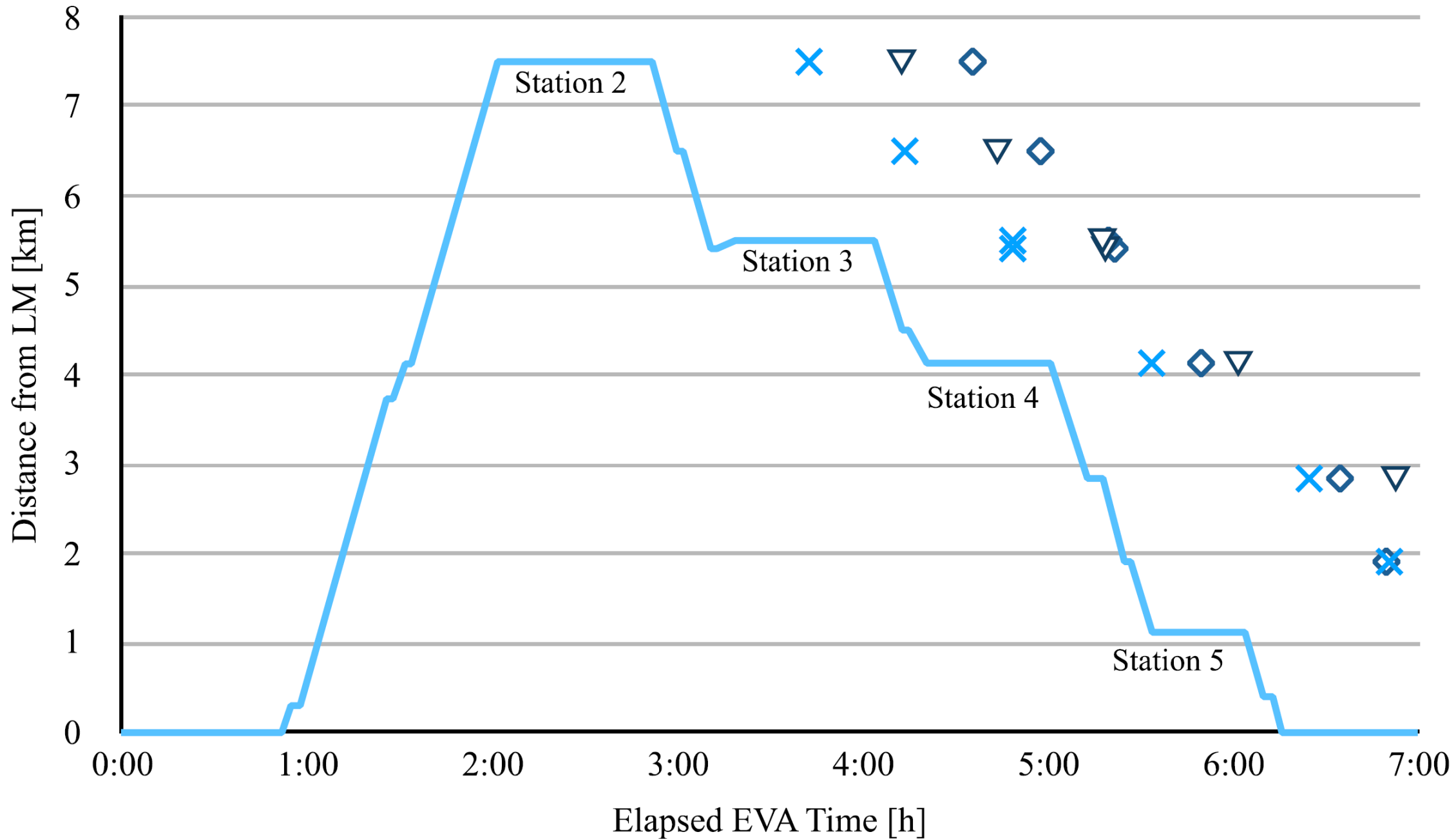




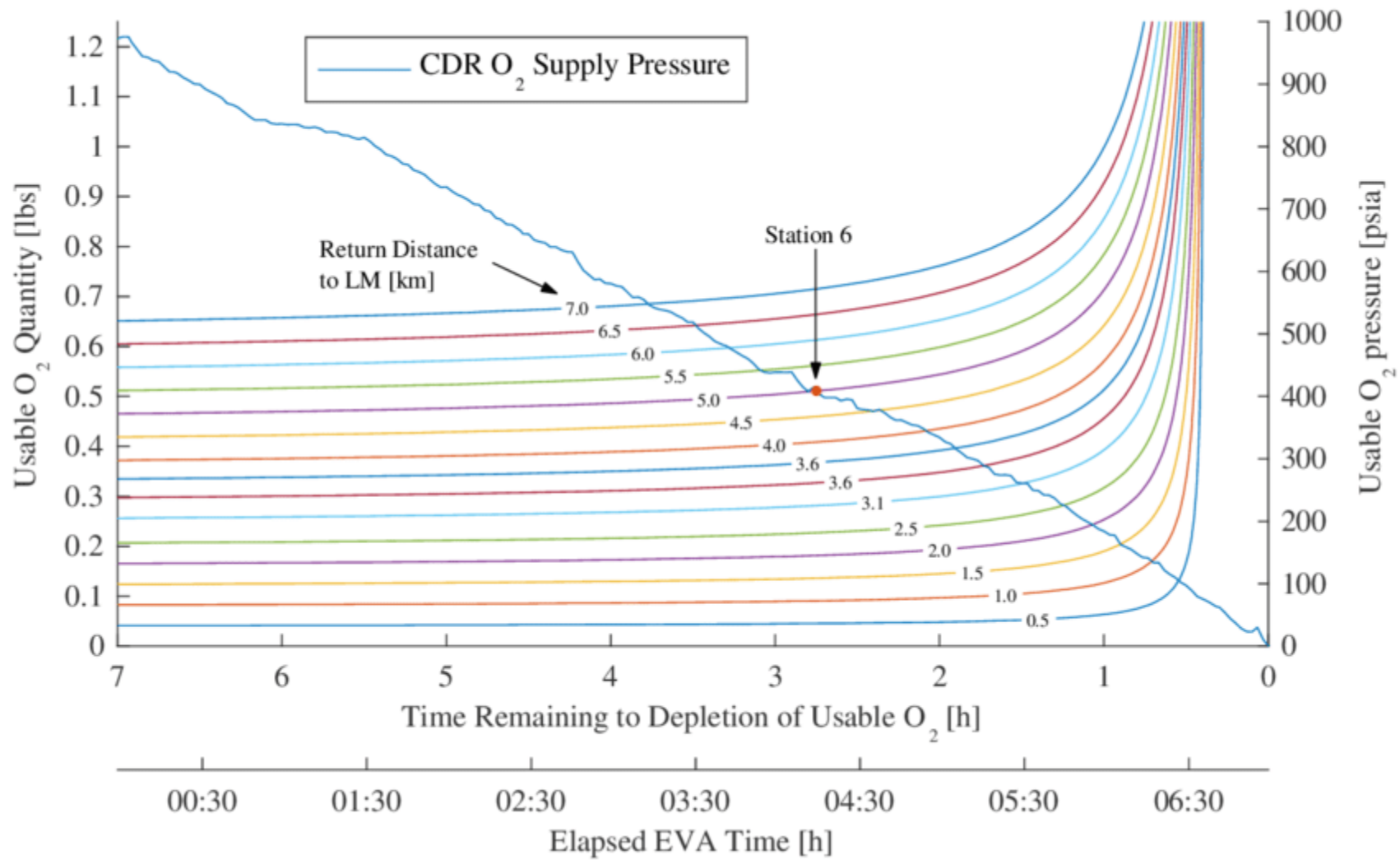
BUDDY SYSTEM  
FOR -6 PLSS



× Oxygen Margin      ◇ Battery Charge Margin      ▽ Feedwater Margin







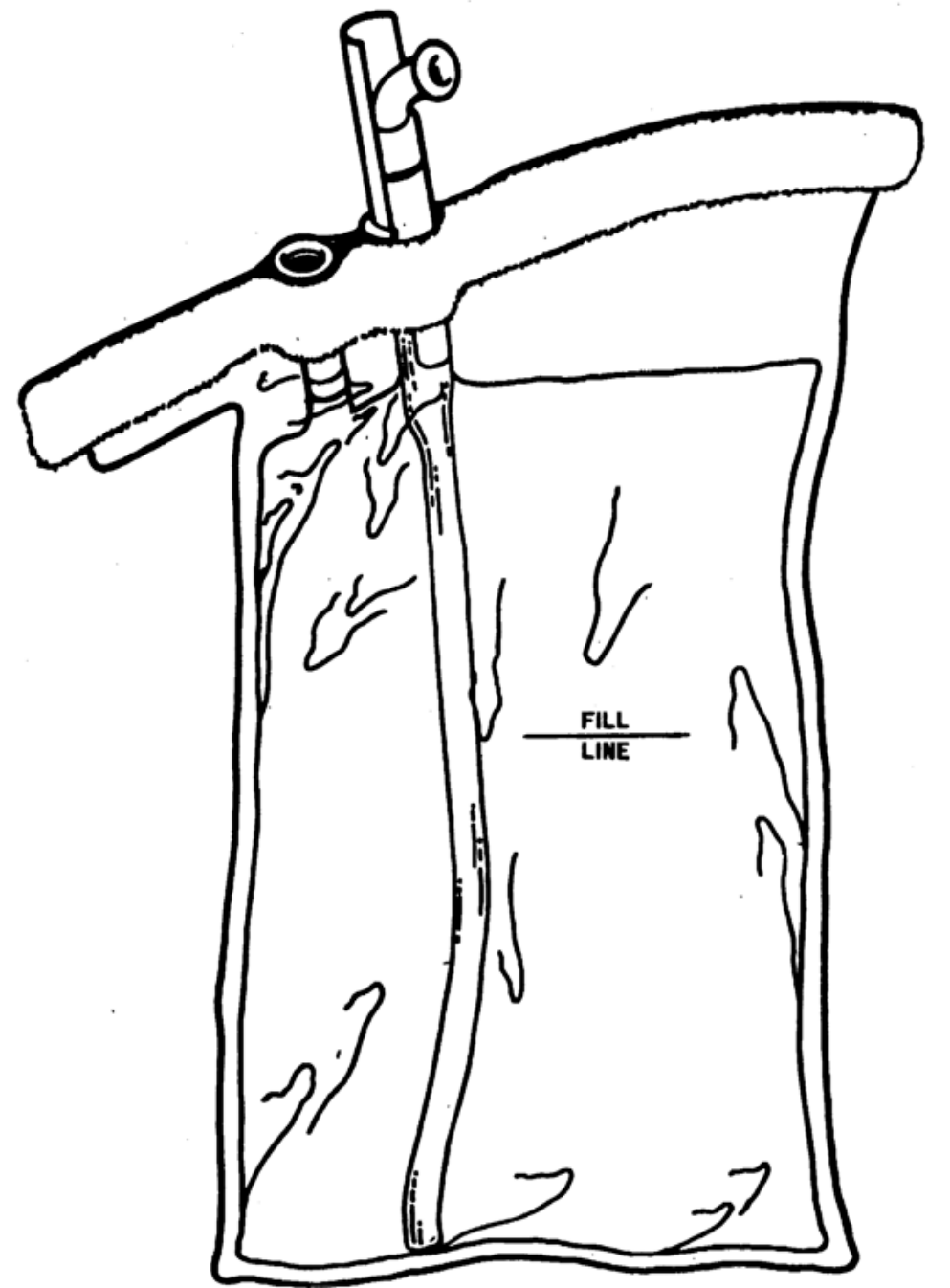
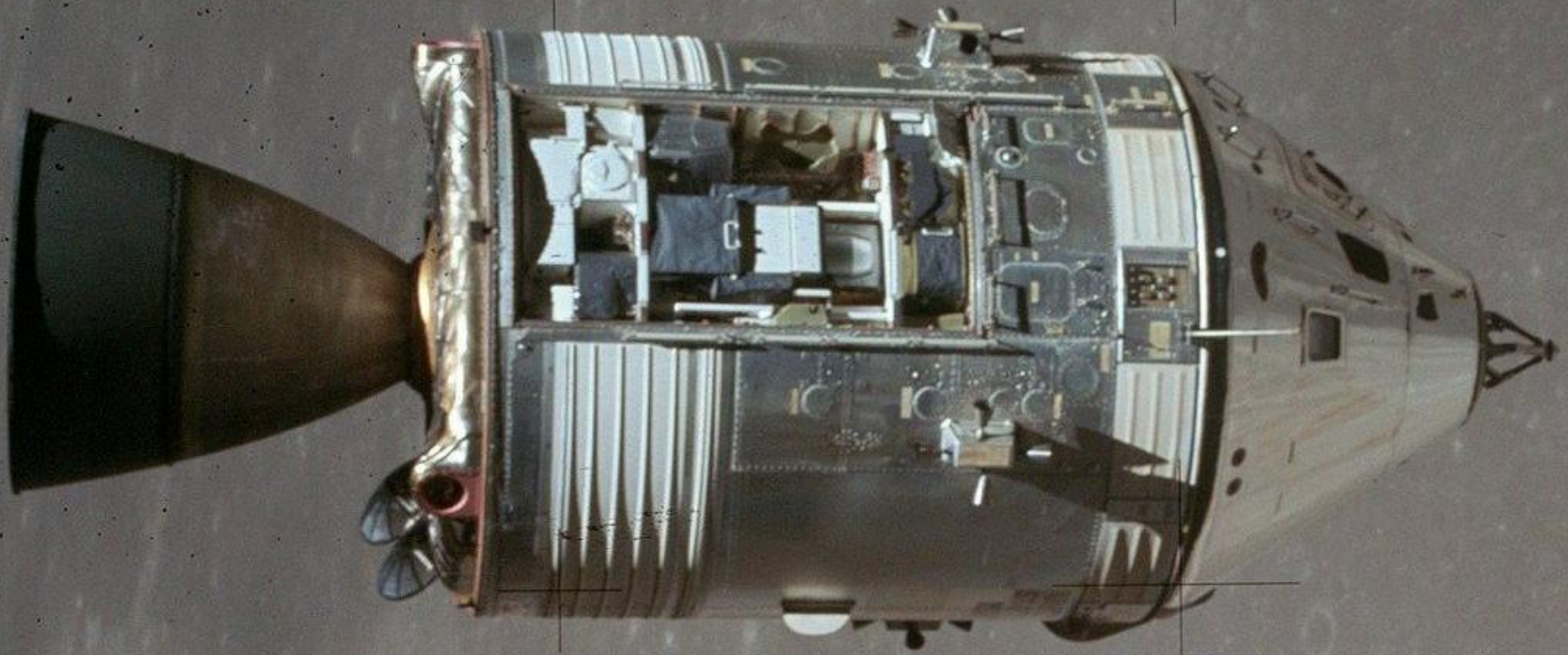
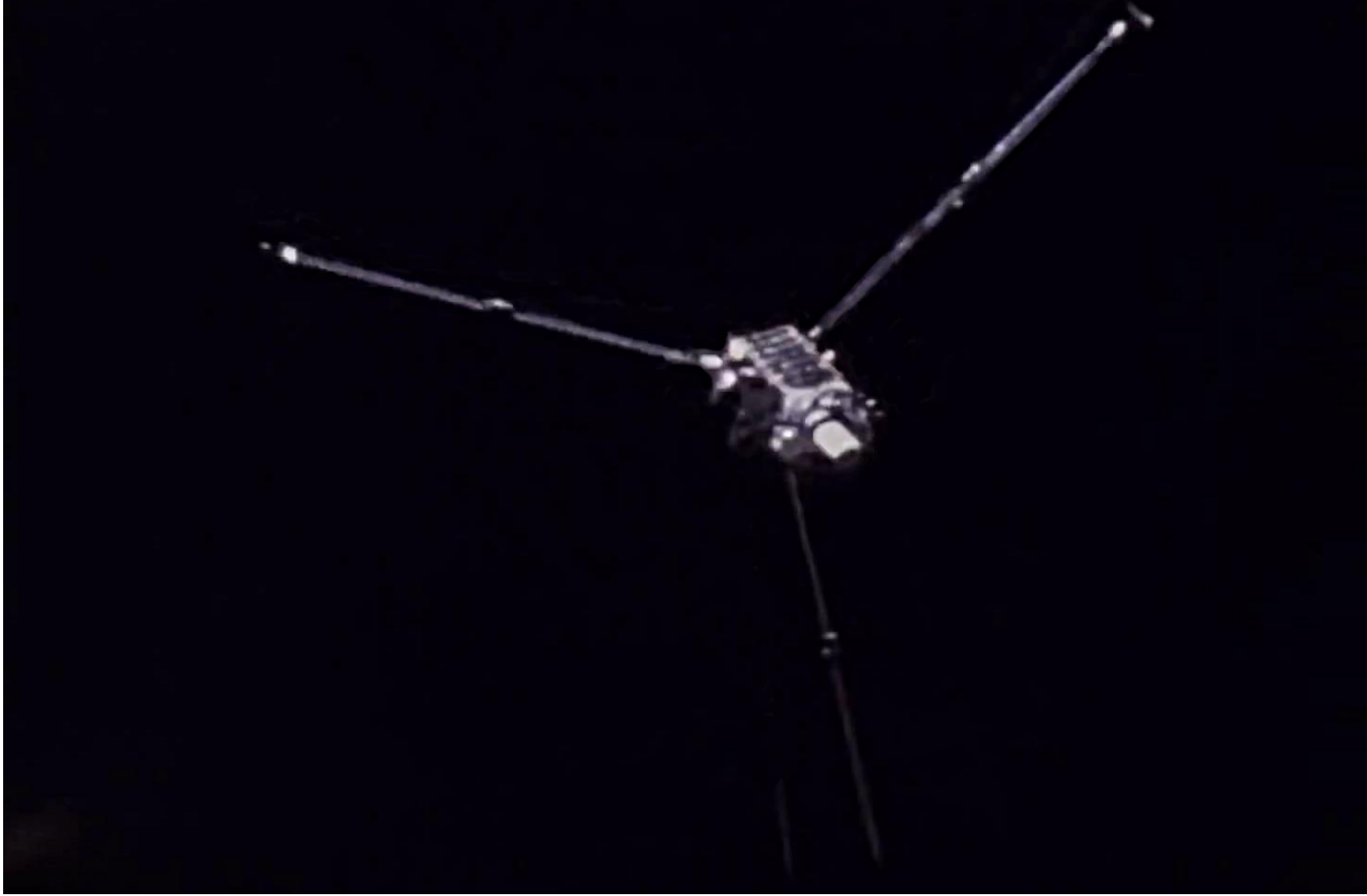
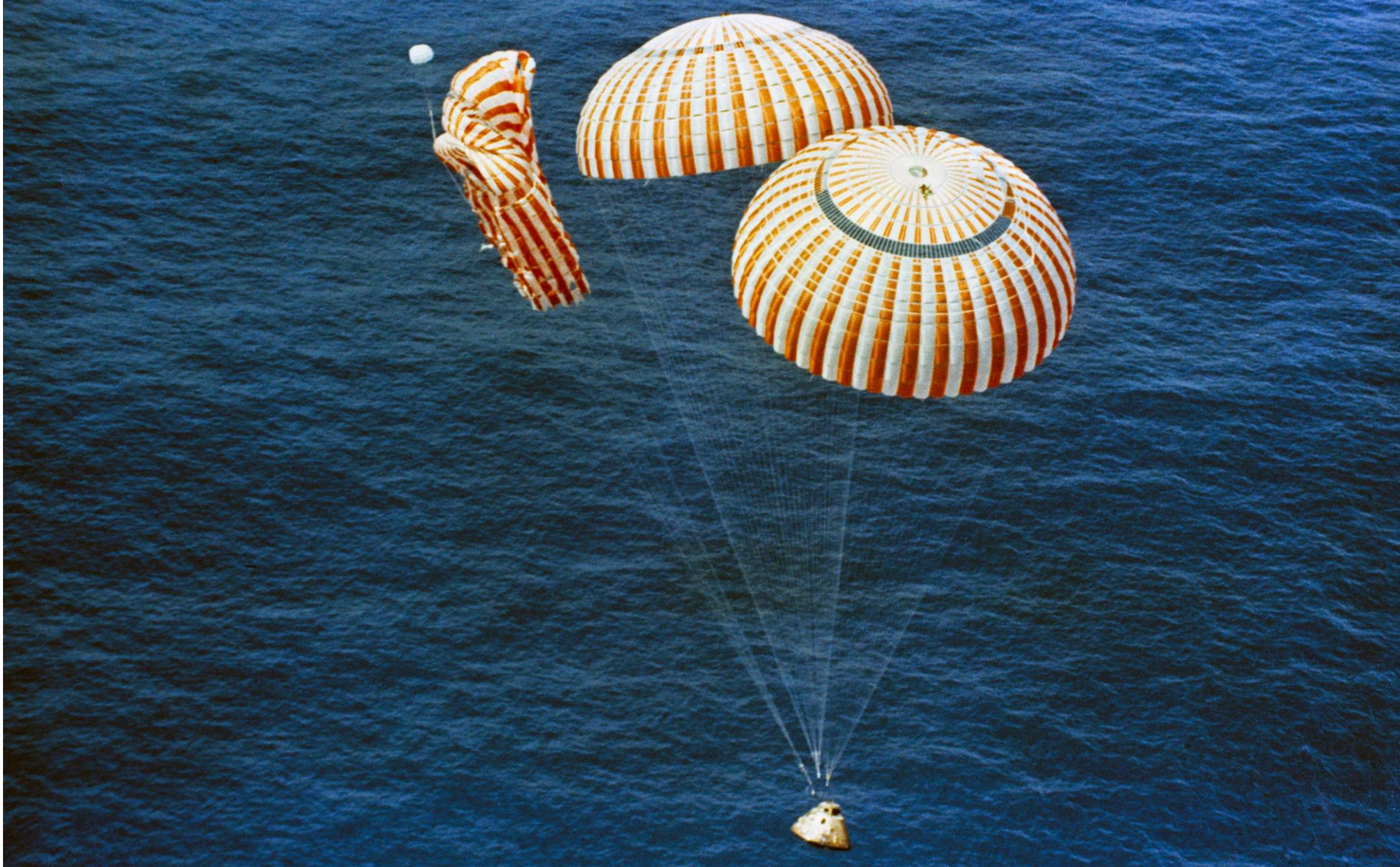


Figure 2-26.- Insuit drinking device.







# Discussion Groups

- Worden and El Baz video
  - A discussion of the science performed in Lunar Orbit
- Chaikin Chapter 11 (“To the Mountains of the Moon”)
  - The astronaut’s view of Apollo 15
- Harland Chapter 5
  - A detailed look at the Apollo 15 moonwalks
- Apollo Lunar Surface Journal
  - Annotated transcripts from the lunar portion of the mission