Apollo 15: Lunar Rover

INST 154

Apollo at 50

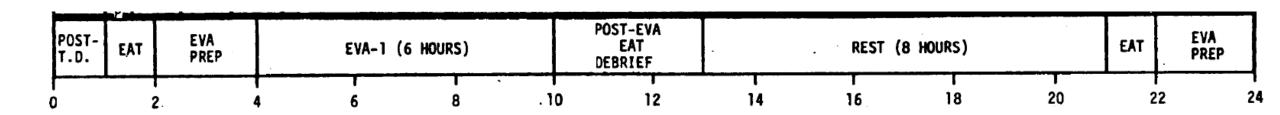
Cancellations

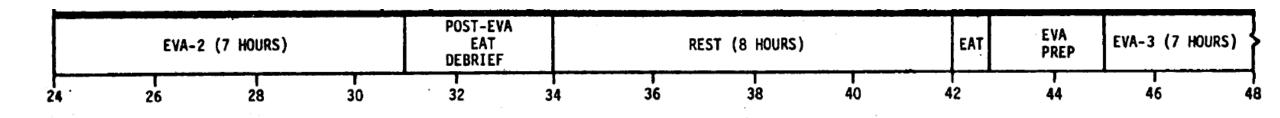
- January 1970
 - Apollo 20 was cancelled to provide a Saturn V for Skylab
 - Apollo 18 and Apollo 19 were delayed until after Skylab to provide a backup
- April 1970
 - Apollo 14 was assigned to repeat the aborted Apollo 13 mission to Fra Mauro
- September 1970
 - Apollo 18 and 19 were cancelled for 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

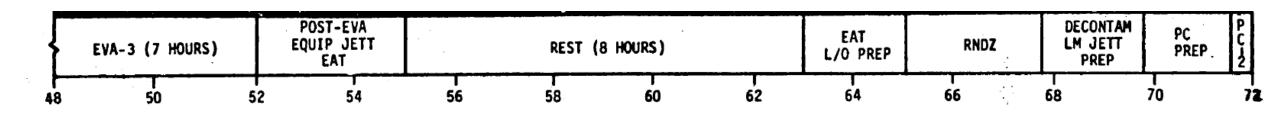


TOUCHDOWN

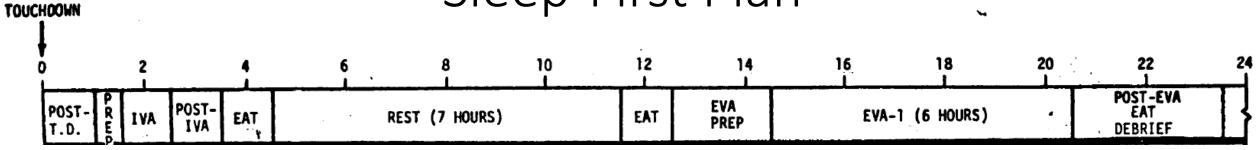
EVA-First Plan

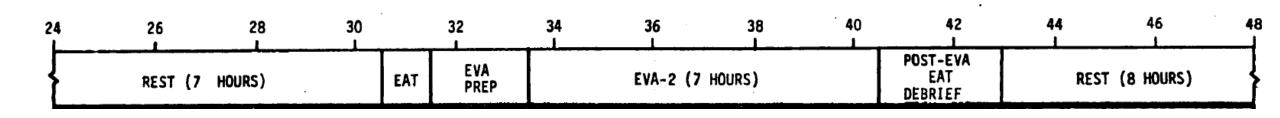


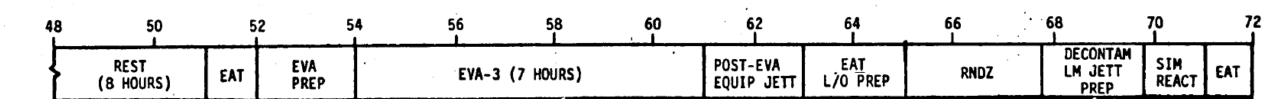




Sleep-First Plan







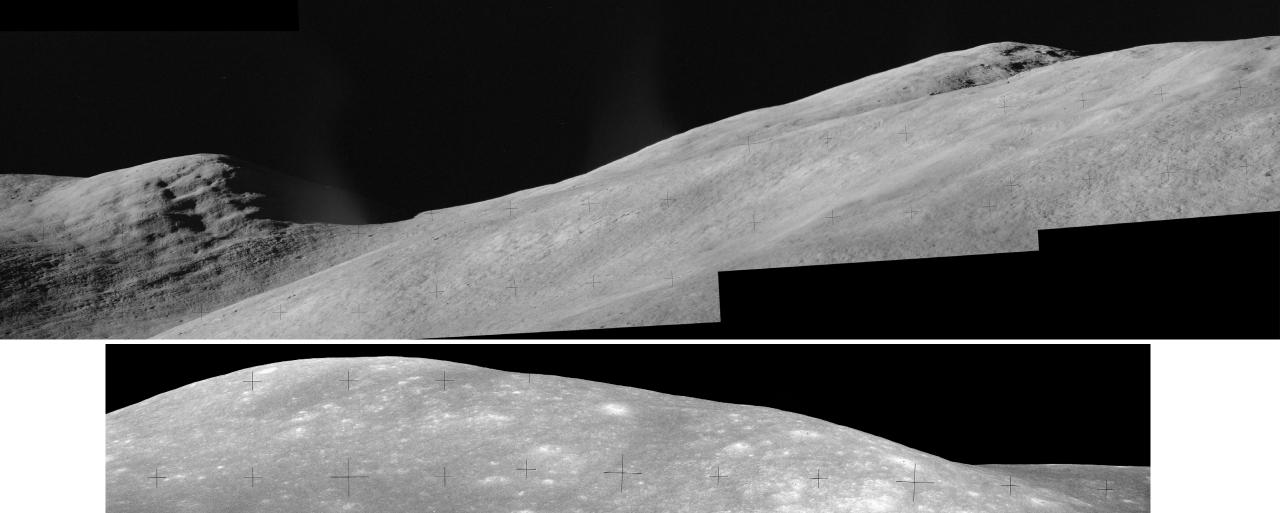
APOLLO 15 SUMMARY TIMELINE

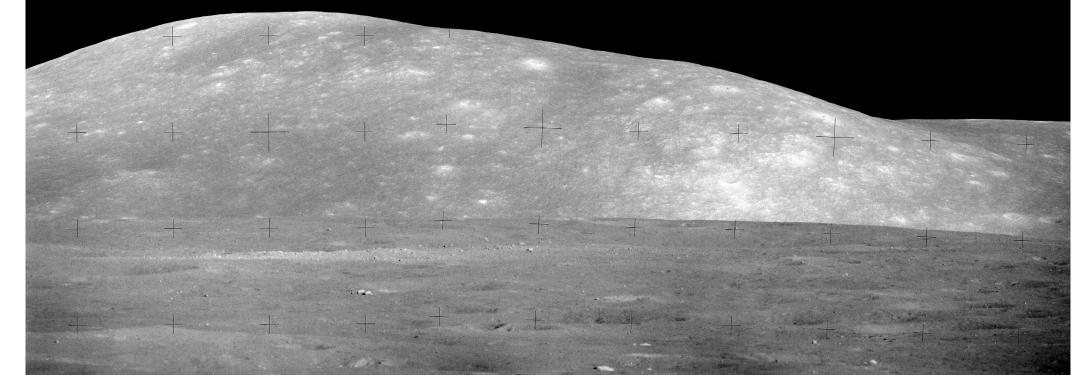
LUNAR SURFACE SEVA

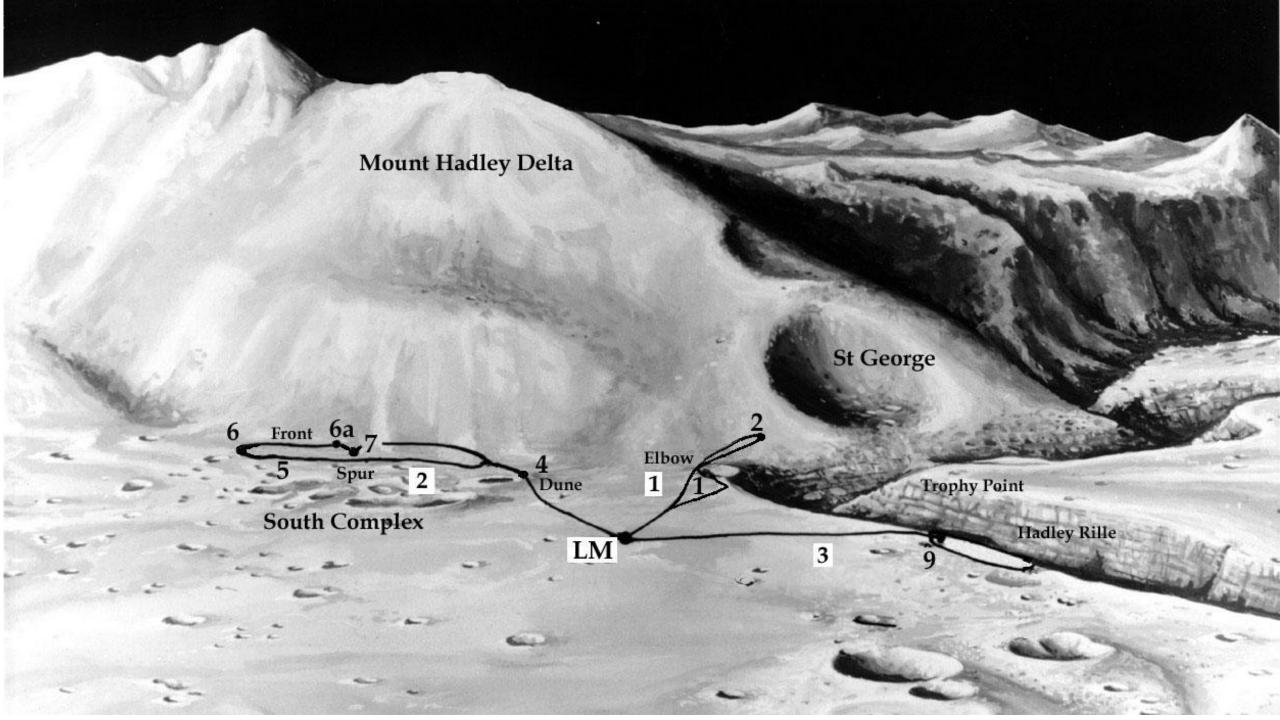
TIME SCALE	Ģ	1,0	2,0	30
TV COVERAGE			•	i
SEQ. CAM. COVER.				
	STAND ON ASCENT ENGINE COVER	ODESCRIBE INITIAL IMPRI	TH COMPLEX, IN IMMEDIATE VICINITY OF LM	
	COBSERVE AND DESCRIBE LM SITE	MARE SURFACE, BOULD	ER FIELDS (CRATER DISTRIBUTION, BOULDER POPULATION, FRAGMENTATION AND ANY NOTICEABLE DPS EXHAUST	
COMMANDER ACTIVITY	●70 MM VERTICAL STEREO PAN	●500 MM LENS CA	MERA PHOTO , NORTH COMPLEX,	
	● GENERAL SURFACE DESCRIPTION		AND OTHER FEATURES TERMINATE SEVA	
	●ASSIST CDR WITH CAMERA	● ASSIST CDR WIT 500 MM LENS C		
LM	●DESCRIBE SURFACE FEATURES THROUGH LM WINDOW		● TERMINATE SEVA	ĺ
PILOT				
ACTIVITY				ļ
				}
				į
TIME SCALE	0	10	20	30



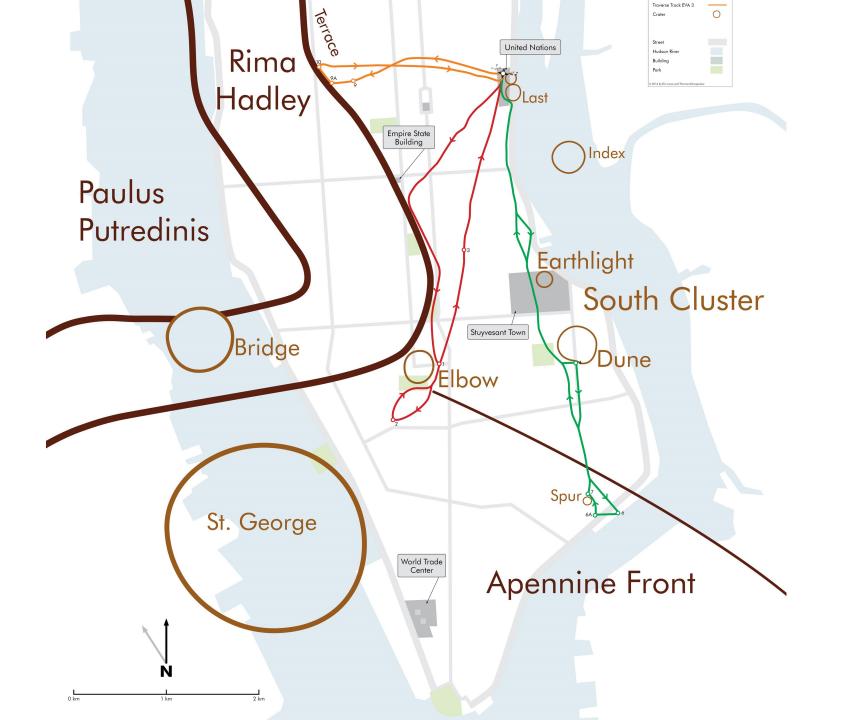


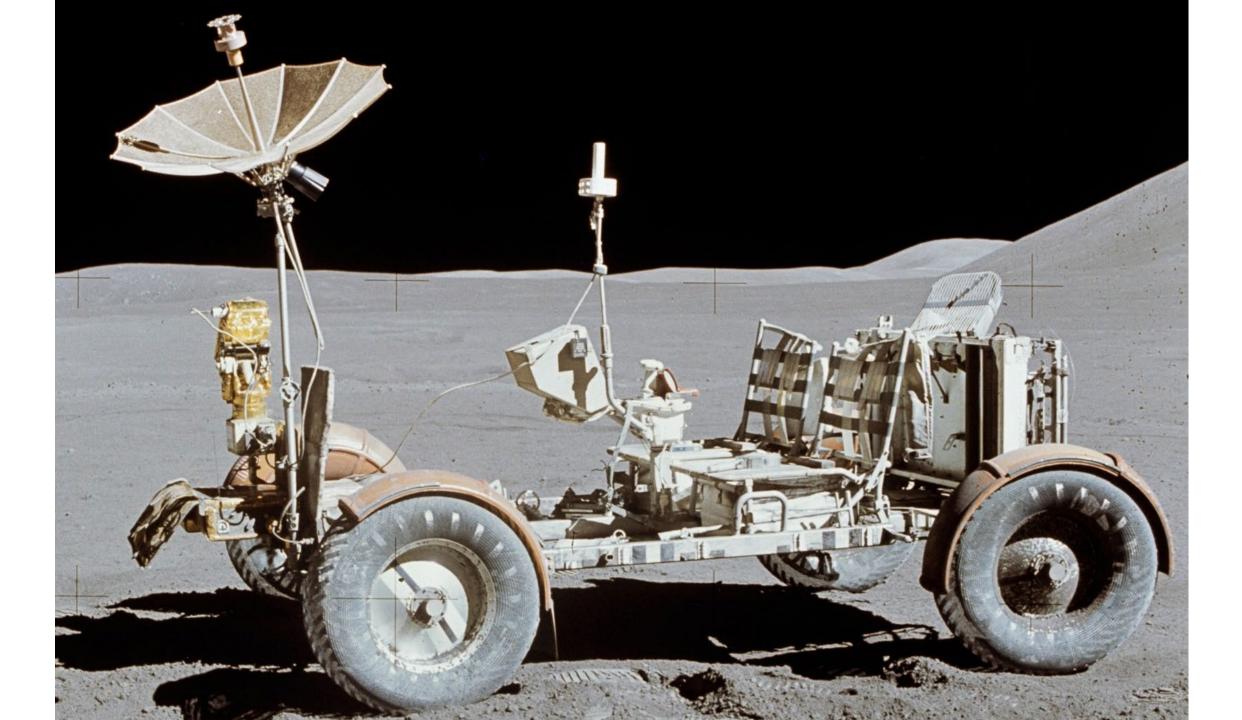






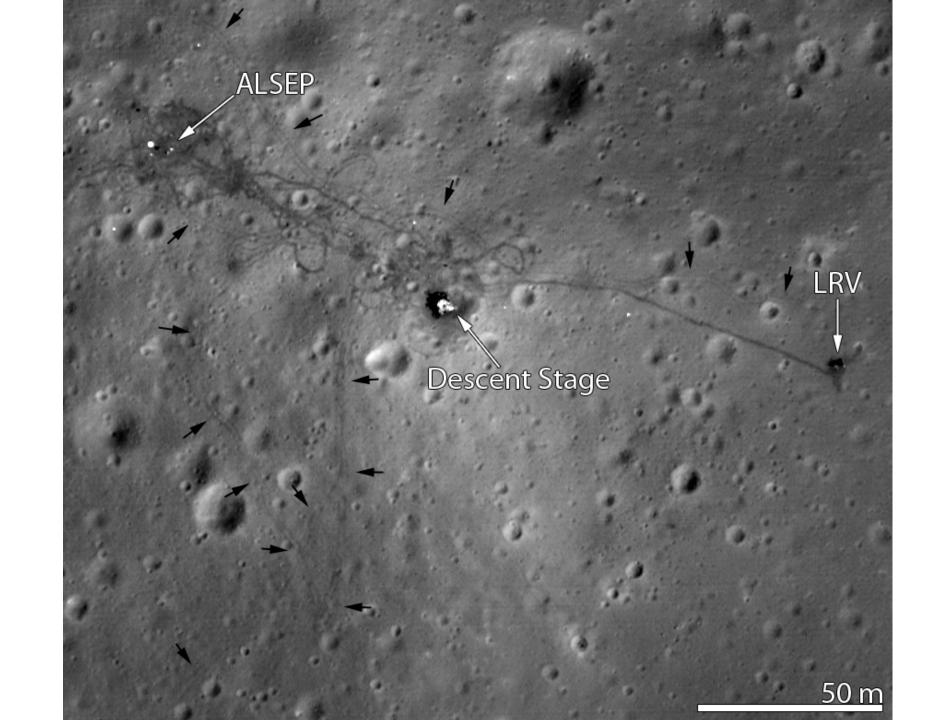


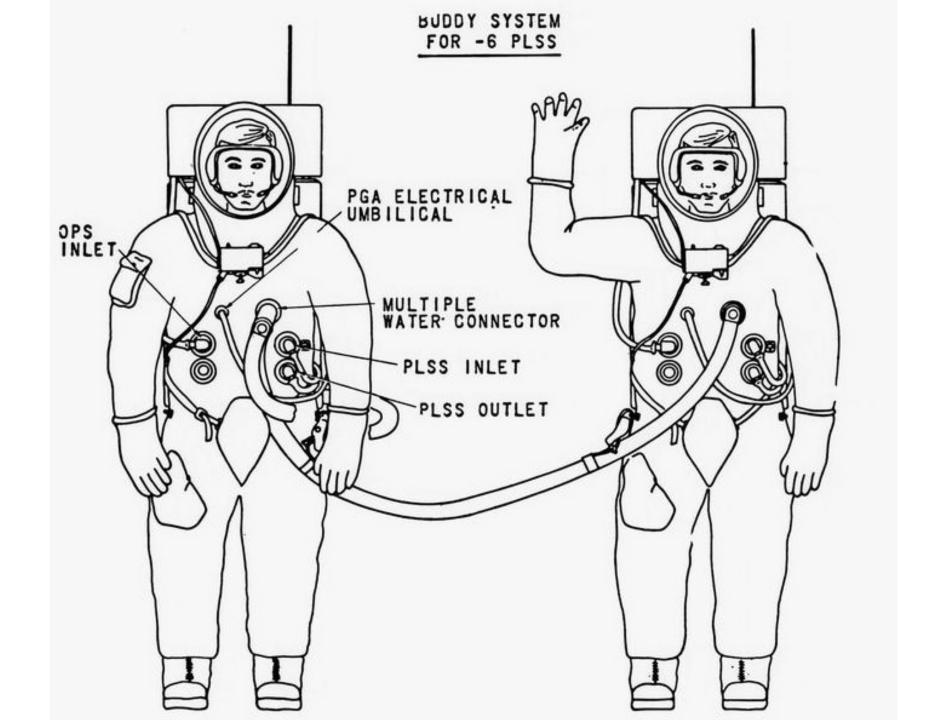


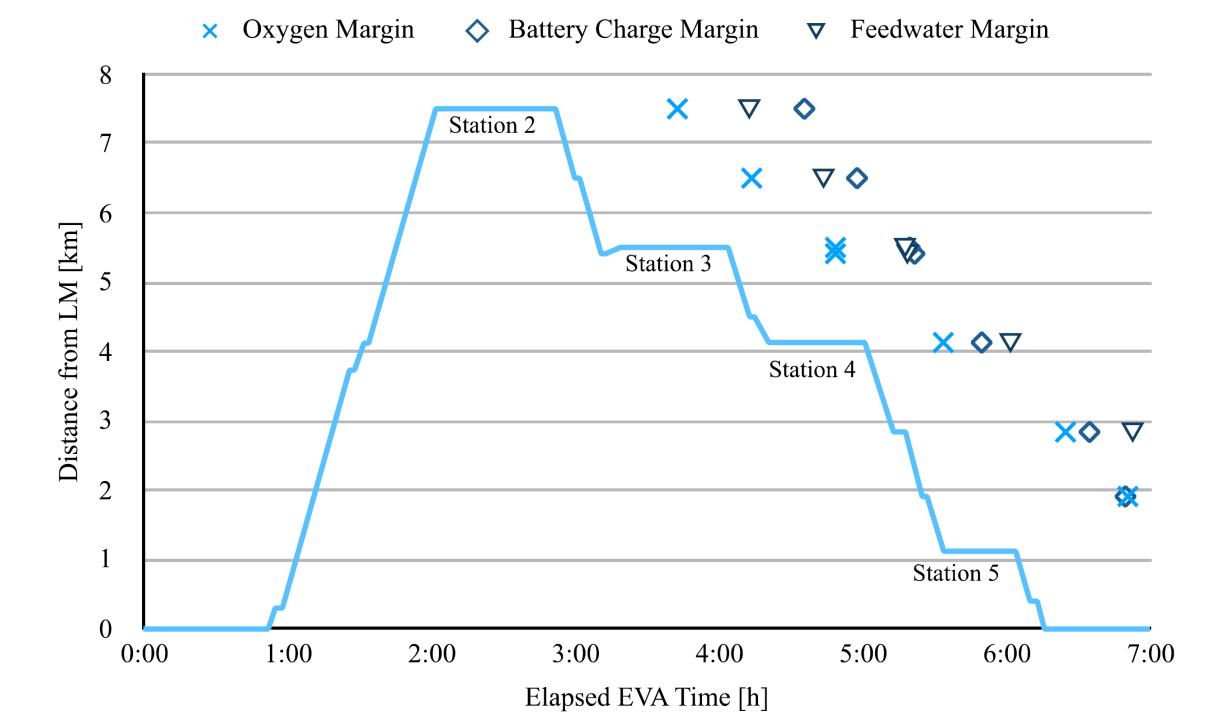


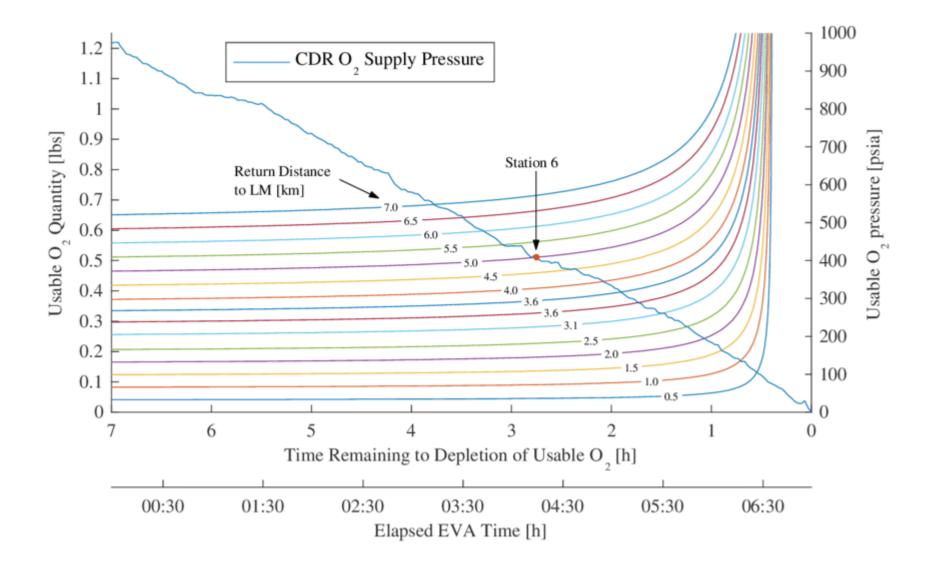
Animation

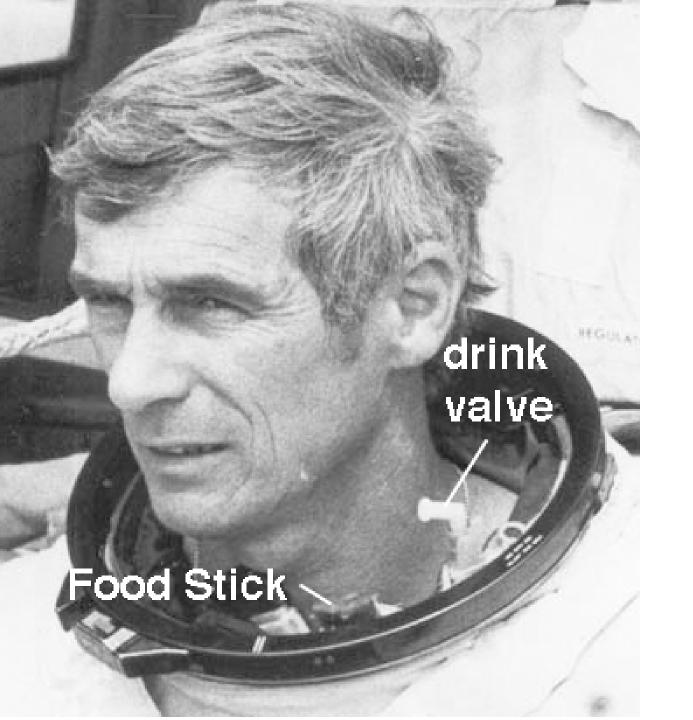












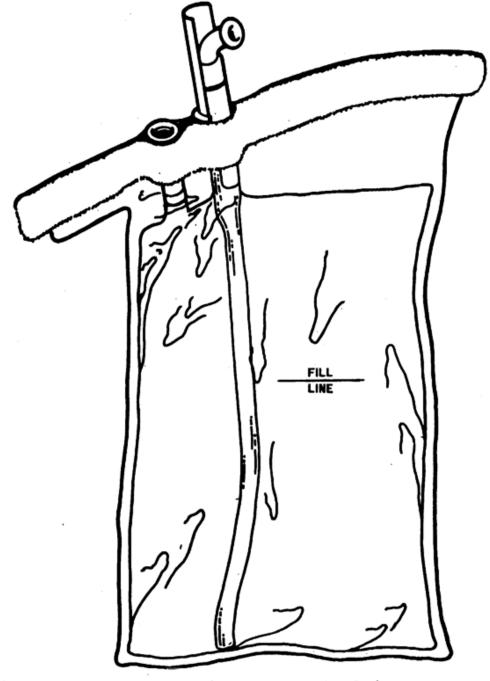


Figure 2-26.- Insuit drinking device.







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