

List of events covered and to work on during the simulation:

1. Explosion and fluctuations in electrical power
 🔦 Tool to be applied: TOM's Model
2. Increasing carbon dioxide in the air
 🔦 Tool to be applied: Resource Analysis
3. How to separate the lunar module a safe distance away from the CM just before re-entry
 🔦 Tool to be applied: Network of Problems; Contradiction Model and Altschuller Matrix

List of Problems: (randomly)

1. Fluctuations in electrical power
2. Loss of Cryogenic Oxygen Tank 2 Pressure (after explosion)
3. Increasing carbon dioxide in the air
4. How to separate the lunar module a safe distance away from the CM just before re-entry
5. Freezing of computer in the CM Module
6. Low Temperature in the Lunar Module
7. Low temperature up to freezing in the Command Module
8. Not enough energy to power up the CM Module
9. Calculated time to come back too long
10. No spare parts available
11. momentary loss of data
12. Postlanding Vent Valve Malfunction
13. food became inedible