



Project Phobos

Explorer Co.

Directory A-1

Explorer Co.

PHASE 1:

Project Phobos is the first of many projects under Operation: Serpentine, ExplorerCo.'s undying mission to establish a self-sufficient colony on Cylero. Project Phobos is the first step in making a base on Cylerian soil.

*-CommanderSword
Explorer Co. Leader*

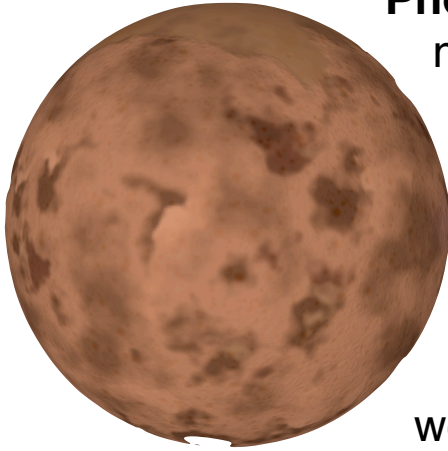
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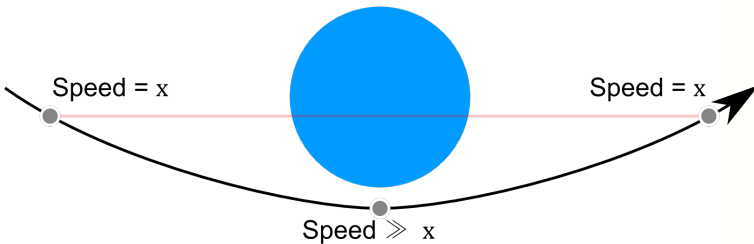
Step 1

STEP 1:

ExplorerCo. engineers are to design a rocket, the **Phoenix**, which will carry a satellite meant to photograph the surface of Cylero at proposed spots for bases.



Phoenix will either make a gravitational slingshot around the Moon or make a direct trip, which would be more exact, but much more expensive.



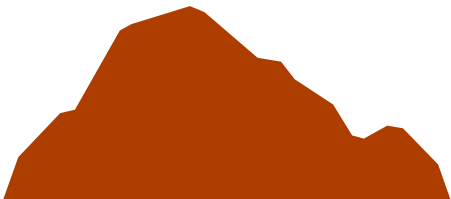
Step 2

STEP 2:

A modified version of the **Phoenix**, the **ATR-9**, will be constructed in order to send a number of small, specialized modules, such as a generator, wind turbine, crew quarters, comms satellite, and a workstation with a 3D Printer

Modules

- Crew Quarters
- Workstation
- 3D Printer
- Generator
- Wind Turbine
- Comms Satellite
- More in the future?

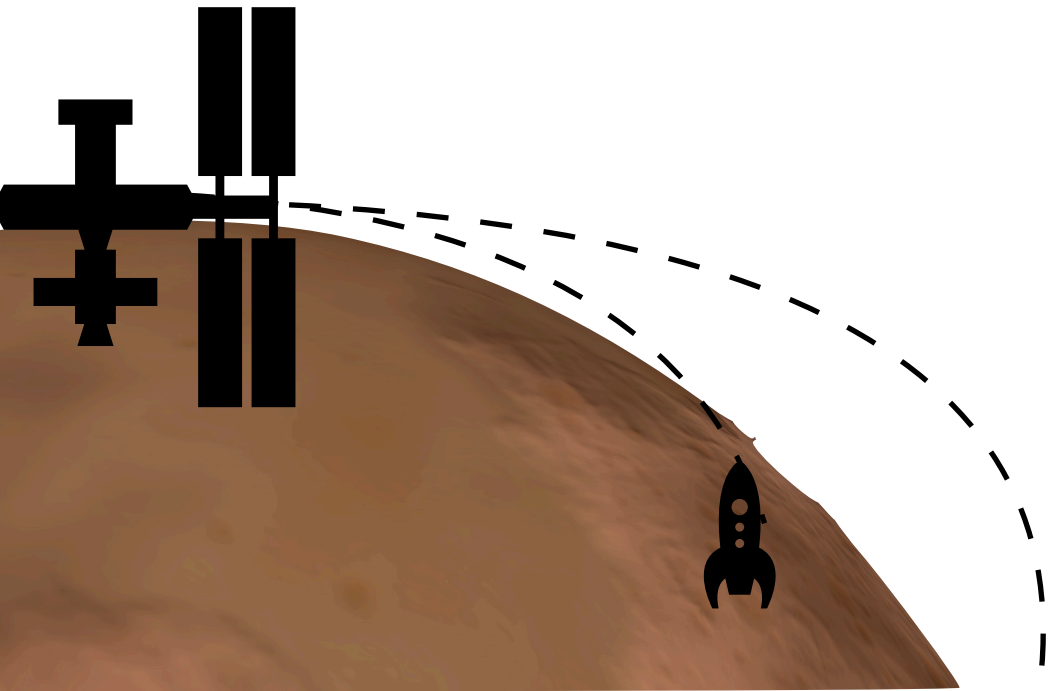


Step 3

STEP 3:

A small space station, **SPS-35**, will be established in Cylerian orbit, and will act as an easier way to get supplies to the surface.

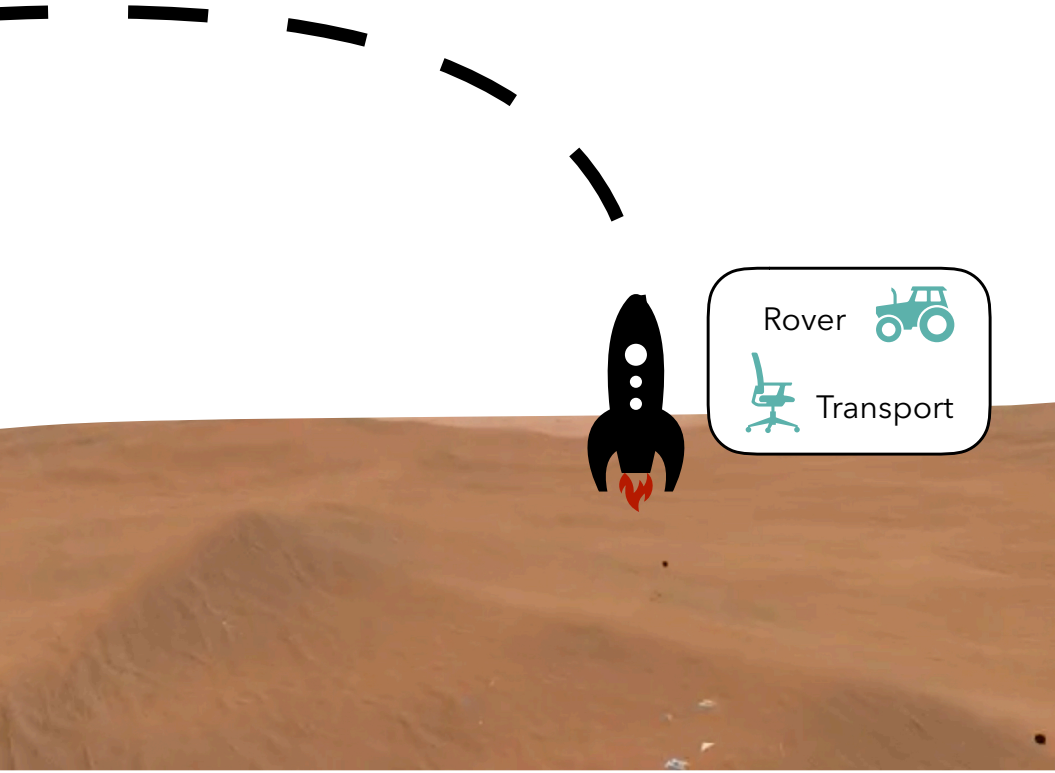
SPS-35 will be manned, and will also have small pods that can be used to send down supplies to the Cylerian colonies, so the unmanned supply ships don't have to land.



Step 4

STEP 4:

The first surface mission will be an unmanned vessel to the Cylerian surface. The rocket, **Athena**, will have a landing module, which will have a **rover** and **transportation vehicle**. The rover will construct some of the modules, allowing a manned mission to be possible.



MEANINGS AND IDENTIFICATION

Phoenix -An unmanned rocket designed and built by Explorer Co. to send a picture taking satellite to Cylero to map out possible colony sites.

ATR-9 - An unmanned rocket to send colony modules, landers and rovers to Cylero in preparation for manned surface missions.

SPS-35 - A manned station in orbit of Cylero as a in orbit habitat and stopping point for manned and unmanned surface missions.

Athena - A rocket equipped with a landing module to send a rover and transportation vehicle to the Cylerian surface.

Transportation Vehicle - A vehicle for astronauts on missions to Cylero. To be used as base to base traveler and exploratory missions transportation.

Explorer Co. Notes