

Mars Construction, LLC

Title: Gas Transport Vehicle Design (Phase I in progress)

File: DES-Projects-029

By: Gjr

Rev: A

Date: 06/11/21

Design Variables need to be defined:

Design for Lunar and Mars vehicles.

Design Specifications:

Propellant: Methane or compressed gas

Height:

Length:

Volume:

Rocket Rover I, personal vehicle using pressurized CO₂ as propellant for short hops near proximity to Mars Base. Intended for use as a maintenance vehicle.

Rocket Rover II, a multi-personal vehicle (1-4) using pressurized CO₂ as propellant for longer trips requiring shelter with life support systems for 1-2 days.

Both are intended for use as a maintenance or survey vehicles.