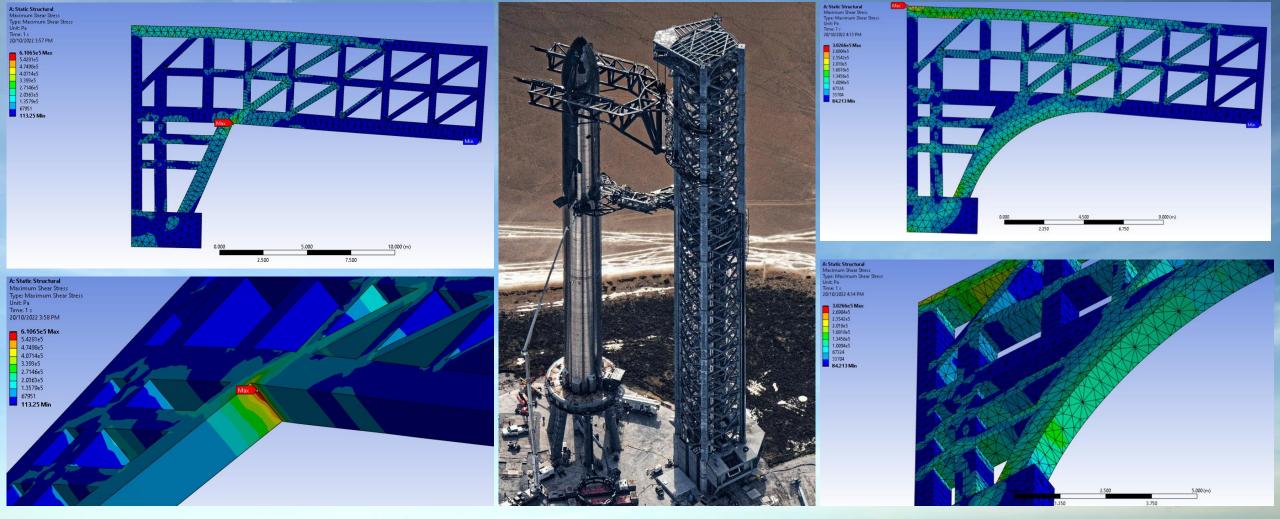
# Ansys Mechanical F.E.A of Launch System for Mars

The SpaceX Launch Arms were redesigned for the reduced forces of Martian gravity.

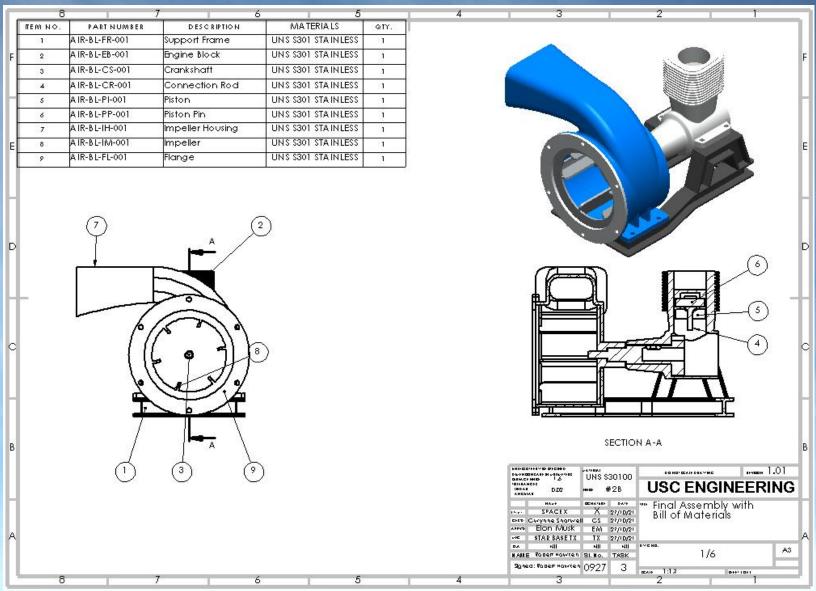
The current system is 18 m high and 35 m long. My two iterations are both 10 m high and 20 m long. Due to the reduction in gravity between the two planets, the Martian system can be redesigned and further optimised for these local forces to reduce weight and complexity.

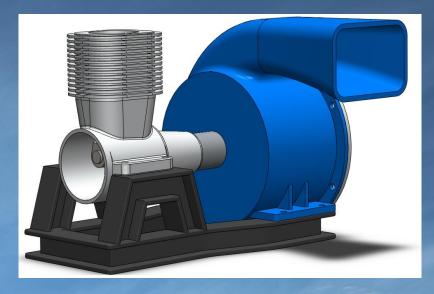
#### **Ansys**

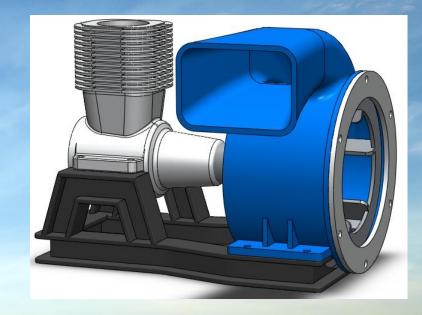


### I.C. Air Blower and Bill of Materials



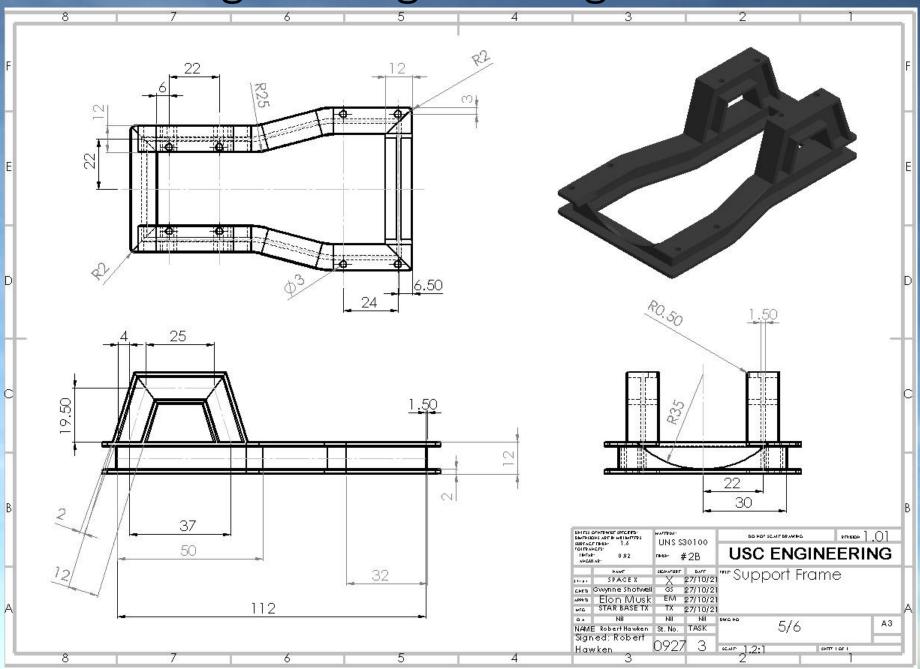






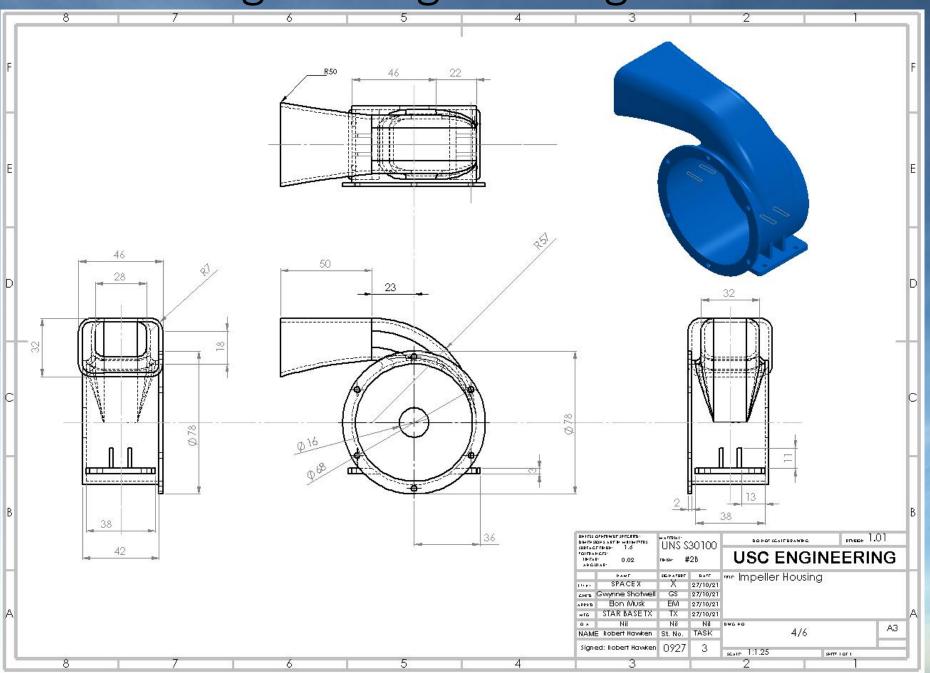
Reproduction of Engineering Drawings of Air Blower Frame





## Reproduction of Engineering Drawings of Air Blower Case





### Cleaning, Disassembly and Extruded view of Lawnmower Engine

