Engine (Abstracted)

Combustion Chamber

Injector

*P*

*P*

*P*

*P*

Pipe

7

6

5

4

3

2

1

Fuel Pump

Oxidizer Pump

Steel Encased

Steel Encased

MOV

MFV

Lithium-ion

Battery

Steel Encased

Steel Encased

Casing

Casing

MCU

Pressure Transducer

Pressure Transducer

Pipe

Avionics Bay

Oxidizer Inlet

Fuel Inlet