



Hybrid Propulsion

9.28.2015

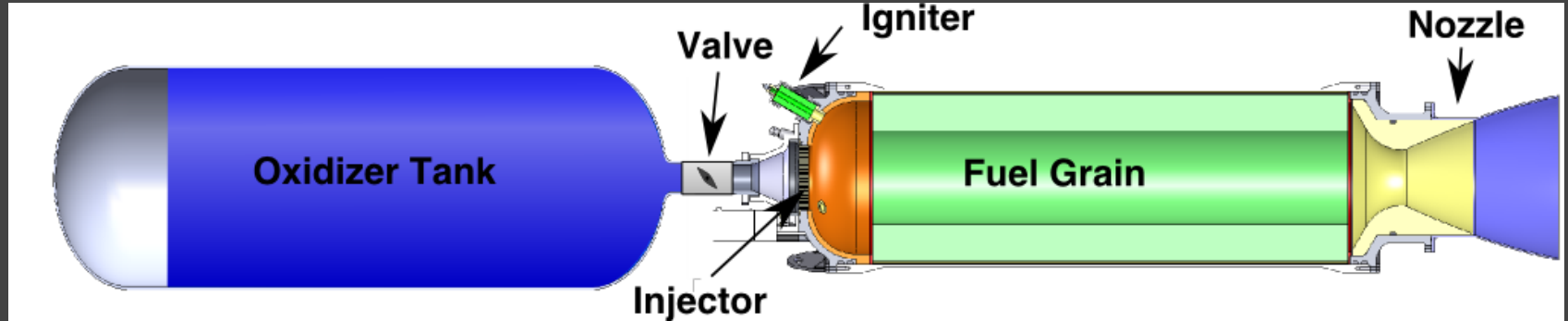
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WASHINGTON STATE
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Hybrid Engine Parts

- Oxidizer w/ Tank
- Injector
- Ignitor
- Combustion Chamber/Solid Fuel Grain
- Nozzle



Timeline/Milestones

May: 2nd Full Scale Test (optional)

April: Full Scale Test

March: Cast Full Scale Motor and Modify Test Stand

February: Design Up to Full Scale

January: Scaled-Down Oxidizer/Fuel Test

December: Casting of Fuel and Water/Air Test

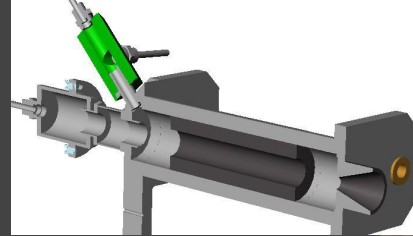
November: Modify Test Stand and Injector Selection/Creation

October: Fuel/Oxidizer Selection and Hybrid Rocket Readings

May - April



March



February



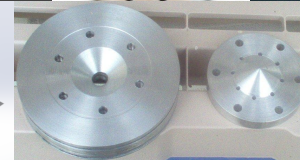
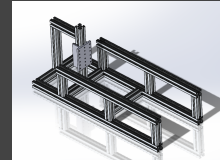
January



December



November



Goals For the Year

- ACCURATE Model of the burn
- ¼ Scale test
- Full scale test
- Leave good documentation



Thanks Guys!

