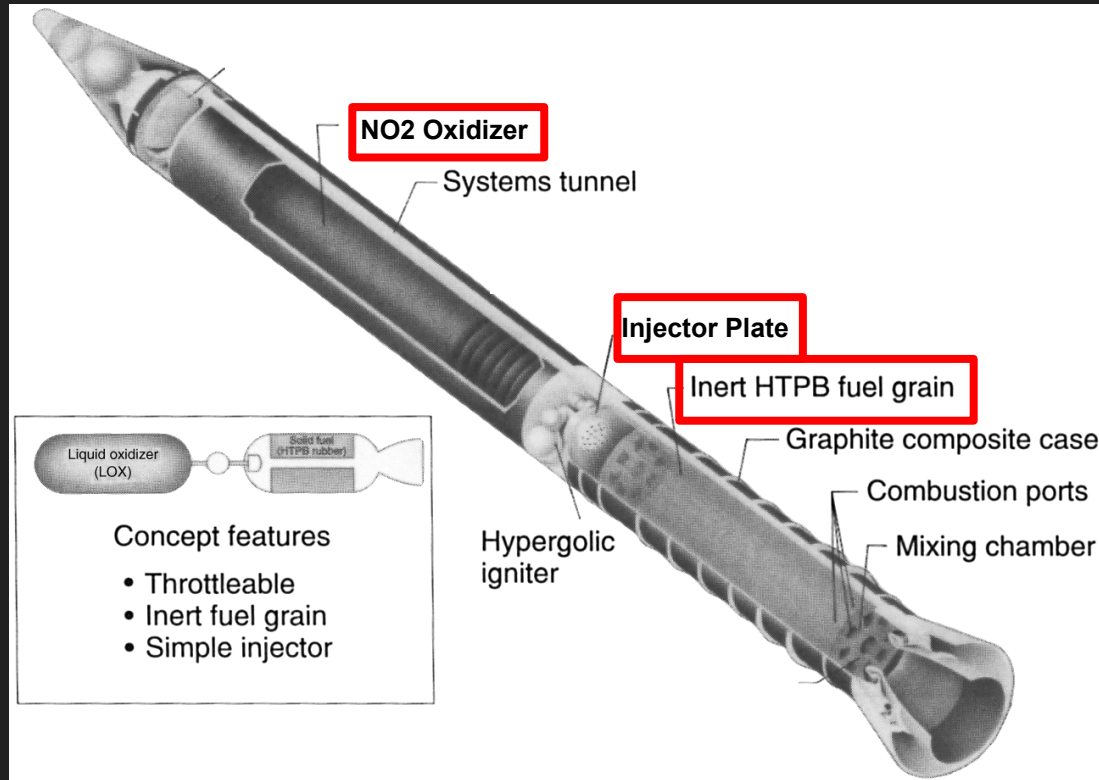


Hybrid Rocket Propulsion

Applied Rocket Design Recap

- Spring 2015 Technical Elective
- Three Groups
 - Solid
 - Liquid
 - Hybrid
- Solid team was the only team to complete their rocket

Last Year's Hybrid Design



Current Status

- Elements that have been manufactured
 - Injector Plates
 - Combustion Chamber
 - One Coupler
- Elements that have been Purchased
 - Solid Fuels
 - HTPB (rubber)
 - Nylon
 - Paraffin?
 - Graphite

Things left to do

- Cast Solid fuel grain
- Purchase oxidizer (Nitrous Oxide)
- Redesign/Purchase oxidizer tank
- Ignighters
- Testing