Design a Rocket

Design your rocket in the small section to the right using the parts listed below. Include at least 1 Fuel Tank and 1 Engine. You will not be graded on aesthetics.

**Fuel Tanks**
- FL100: Total Mass = .5625 T
  - Dry Mass = .063 T
- FL200: Total Mass = 1.125 T
  - Dry Mass = 0.125 T
- FL400: Total Mass = 2.25 T
  - Dry Mass = 0.25 T
- FL800: Total Mass = 4.5 T
  - Dry Mass = 0.5 T

**Engines**
- "Spark": Mass = 0.1 T
  - ISP = 270(ASL), 320(VAC)
  - Thrust = 16.875 kN, 20 kN(VAC)
- "Terrier": Mass = 0.5 T
  - ISP = 85(ASL), 345(VAC)
  - Thrust = 14.783 kN, 60 kN(VAC)
- "Swivel": Mass = 1.5 T
  - ISP = 250(ASL), 320(VAC)
  - Thrust = 167.97 kN, 215 kN(VAC)

**Miscellaneous**
- Decoupler: Mass = 0.05 T
- ARV Wing: Mass = 0.1 T
- Delta Wing: Mass = 0.078 T