

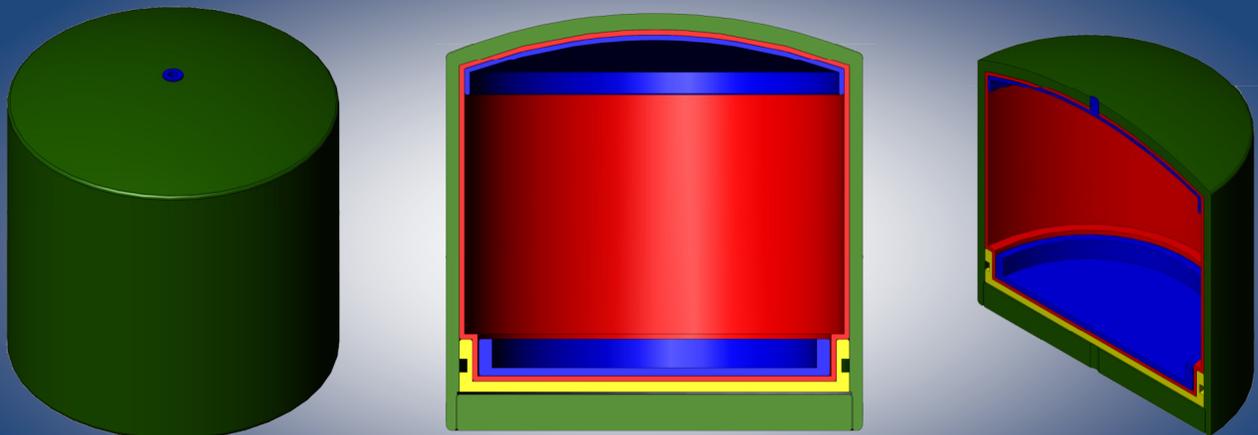
### Hyper “G” Fuel Tank

This design was conceived to assist UAV propulsion and fuel system engineers in solving two main goals pertaining to the on aircraft fuel storage. 1. Balance, and lock down fuel during entire flight. 2. Withstand g-forces during launch.

**Here is a complete list of features included in this Battlefield International design:**

1. Maintain exact stationary balance of fuel during flight regardless of fuel level during launch or flight.
2. Create an on-vehicle fuel containment acting as a solid mass, held steady in a fixed position during the heavy G-Forces occurring during launch of many UAV designs.
3. Eliminate fuel sloshing entirely regardless of fuel volume, launch-severity or flight characteristics.
4. Include a feedback signal with fuel volume in real time during fill and flight from the Hyper G tank assembly.
5. Available in radically different shaped tanks to fit most air vehicle designs.
6. Eliminate all seals and resulting potential fuel leak paths except for one fuel outlet port for the entire system.
7. Shorten the time required to defuel and fuel.
8. Remove the fuel on board the aircraft from the effects of Altitude.
9. Eliminate the need for any anti-spark reticulated polyether foam in the tank.
10. Functions with PosiFuel or any standard fuel system.
11. Vapor mitigation is inherent during flight.
12. Fuel flow rate is optimized and held at a steady rate from the first, to the last possible ounce.
13. Possible in-tank pressure boosting can eliminate the pump portion of the fuel injection system.
14. Functions with all liquid fuels (Mogas, Avgas, Diesel and JP8 included).

### Hyper “G” sneak-peek



**For Engineering Details regarding the Hyper G Fuel Tank, please consult  
Battlefield International Inc.**