High Pres Filter
Fuel Rail
Regulator

Firewall

Header Tank
8 Gal

High Pres Pumps
Filtered

Wet Wing
Tank 40 Gal

Low Pres Transfer
(Facet) Pump Filtered

## Notes:

- 1. KISS principal Copy of Tracy's design, I think! But with a much smaller draw tank.
- 2. Drawing from Header more reliable at steeper orientations?

## **Questions:**

1. Breather for Header Tank?

Will the overflow from Header to Wing tank suffice, note position given dihedral of wing, it will only draw fuel not air when wing tank is over (x) full.

2. I do have an electric duplex fuel valve from a 4X4.

How reliable are they?

More importantly, could it fail in a non safe position (not draw or return to either circuit)

3. Run transfer pump continuously recirculating fuel back to main wing tank or set up with fuel level switching at say 2/3 to refill header?

If transfer pump fails is 2/3 of 8 Gal, is this sufficient time to find a parking spot?