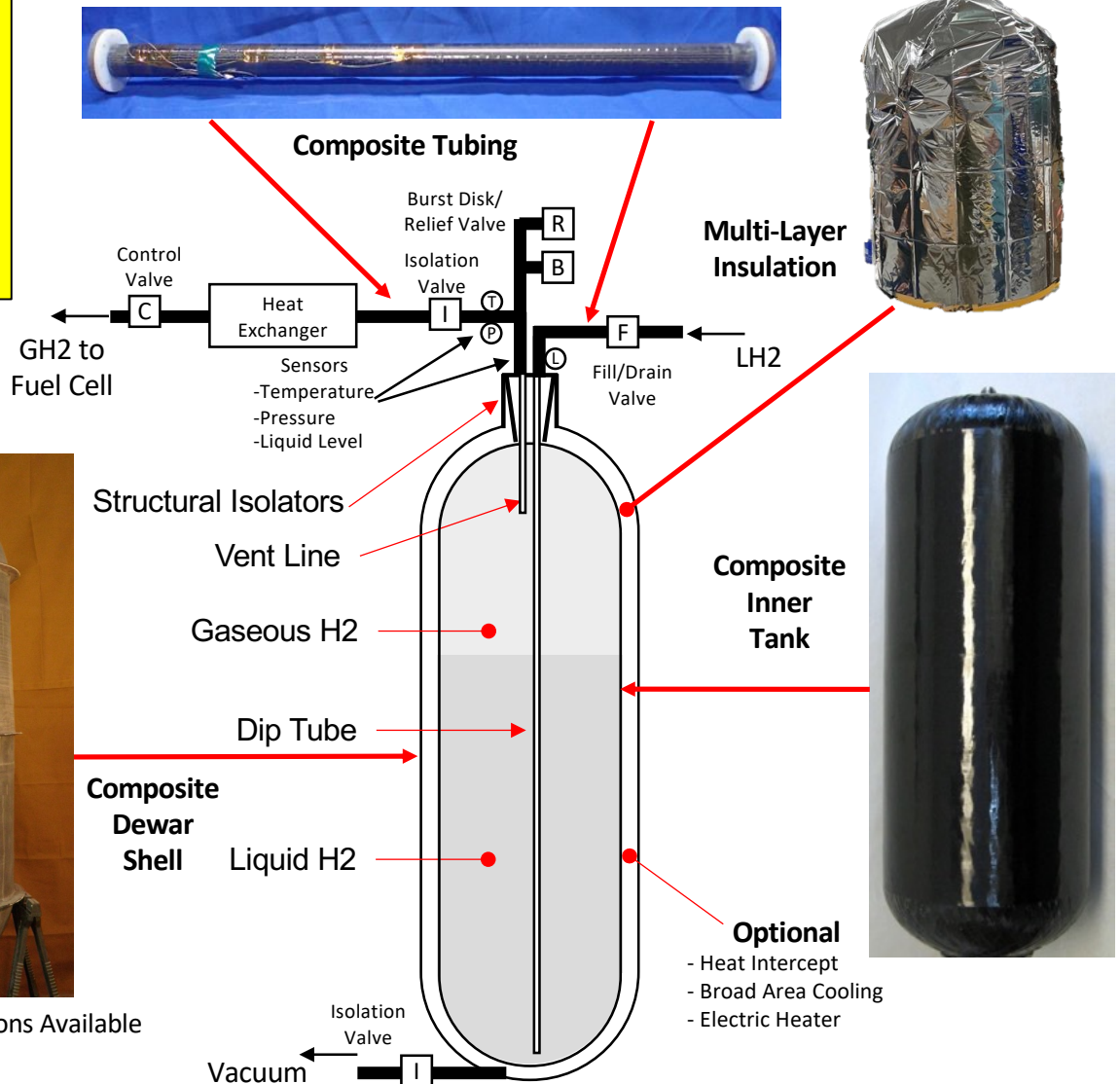


Prototype Ultralight Dewar-Tank

LH2 = ~81 lb
 Dry Mass = 57.5 lb
 H2 Fraction = ~59%



Vertical and Horizontal Versions Available



Available to retrofit existing aircraft with LH2 fueled powertrains

VALUE PROPOSITION

An aircraft powered with GTL's LH₂ Dewar Feed System Assembly could achieve **2X to 4X greater flight time and range** providing means for over **50% reduction in cost per passenger mile**. This reduction in operating cost, once implemented, provides a strong economic incentive for aircraft operators to adopt hydrogen technology, thereby achieving global environmental goals of clean air and zero carbon emissions.

STATUS

- Multiple prototypes in production 2022
- Helicopter Iron Bird ground testing by early 2023
- Proof of concept helicopter flight testing by early 2024
- Drone demonstration testing in 2024

Applications

- Helicopters & Drones
- Airplanes & Airships
- Boats & Ships
- Trucks, Trains & Cars
- LH₂ Distribution & Storage