



MISSION ENABLING PROPULSION TANKS

With over six decades of proven performance, our propulsion tanks have visited every planet in the Solar System, even the Sun, and have zero on-orbit failures. To date, we've produced over 7,000 tanks serving every mission-type from civil to national security.

PROPELLANT TANKS

- Deliver gas free propellant to the thrusters
- Control of Center of Gravity (CG) motion and location
- Heritage of 80 unique Propellant Management Device (PMD) designs, 27 unique diaphragm sizes

COMPOSITE OVERWRAP PRESSURE VESSEL TANKS

- Supplies Pressurant Gas for regulated propulsion systems
- Stores Cold Gas for missile reaction control
- Supplies Xenon Gas for electric propulsion thrusters

MARKETPLACE DISCRIMINATORS

- Proprietary PMD Computational Fluid Dynamics design and analysis
- Proprietary diaphragm retention design
- Precision titanium welding of complex assemblies and thin-walled tanks
- Accurately machining large thin-walled shells

FOR MORE INFORMATION

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<https://www.northropgrumman.com/what-we-do/space/spacecraft-products>