Customers around the world put their trust in Cobham

For further information please contact:

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Image credit: NASA/MSFC

More Room - More Payload

Redefining Electric Propulsion Feed System Solutions.

The most important thing we build is trust
Cobham continues to break new ground in designing high performance composite feed system solutions at minimal weight and size.

More Room - More Payload
Cobham’s innovative Modular Feed System optimally integrates our valve components into modular building blocks to rapidly configure a system solution in the smallest envelope possible.

Key customer benefits include:
- Eliminates tube stubs and welding for reduced package envelope and integration effort
- $10^{-6}$ sccs GHe leakage performance
- Eliminates the need for customer assembly and testing

Valve-in-Tank Assembly Feed System
Capitalizing on Cobham’s market leading space valve and composite tank expertise, the Valve-in-Tank assembly integrates our proportional flow valve technology directly into the tank.

Key customer benefits include:
- Eliminates the valve envelope from the feed system to allow room for more payload
- Significantly reduces customer integration effort
- Tanks can be pre-filled upon delivery

Cobham can configure a complete feed system solution from the tank up to the thruster saving our customers significant integration effort.

Electric Propulsion Components
Cobham offers a full suite of line mountable feed system valves and tanks.

Xenon Tanks
- Wide selection of composite tank sizes and pressure ranges
- Multiple tank mounting schemes

High Pressure Tank Isolation Valves
- Pyrotechnic Valves
- Latching and Solenoid Valves

Regulation Valves
- Mechanical Regulators; single or dual stage design
- Bang-Bang Solenoid
- Proportional Flow Control Valves

Low Pressure Thruster Isolation Valves
- Latching Valves
- Solenoid Valves
- Proportional Flow Control Valves

Fine Thruster Control Valves
- Proportional Flow Control Valves
- Thermo Throttles

Cobham can create customized solutions to meet the challenging needs of any type of satellite platform.
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