Douglas G. Thorpe

Concept-to-prototype engineer, Principal Investigator,
Technical author & instructor

Propulsion, energy recovery, & thermo-fluids engineering

Doug Thorpe has served as an aerospace, mechanical, electrical, controls, and HVAC engineer for several companies since graduating with BS degrees in Physics & Chemistry. Mr. Thorpe has a unique ability and background to provide solutions in various occasions, as evident in his multiple patents on diverse subjects from concrete building blocks to internal combustion engines. As principal investigator of several companies, he has taken many products dealing with cryogenics, electric motors, and thermo-fluids from conception to prototypes. Mr. Thorpe's distinguished areas of technology are propulsion engineering, thermodynamics, and fluids particularly with energy recovery, rocket engines, internal combustion engines, electric motors, and magnetic bearings.

In his spare time, Mr. Thorpe has written multiple technical papers dealing with earth-to-orbit launch vehicles and rocket engine designs for AIAA. He is very involved in the NASA-chartered Space Propulsion Synergy Team, for which he is the webmaster at spacepropulsion.org.

A passionate instructor, Mr. Thorpe spent several semesters as an adjunct professor at Morehead State University in the IET department where he also earned his MS in Engineering Management.

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