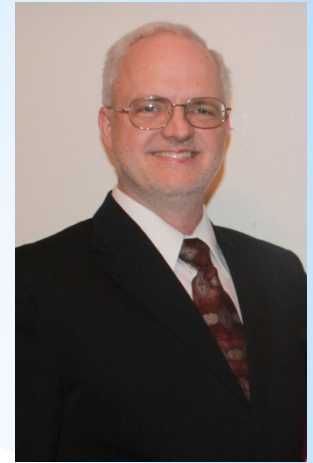


# Douglas G. Thorpe

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

Propulsion, energy recovery, & thermo-fluids engineering



Doug Thorpe has served as a mechanical, electrical, controls, and HVAC engineer for several companies since graduating from Eastern Kentucky University in 1985. Mr. Thorpe has a unique ability and background to provide solutions in various occasions, as evident in his 5 patents on diverse subjects from concrete building blocks to internal combustion engines. As principal investigator and chief engineer of several companies, he has taken many products dealing with cryogenics, electric motors, and thermo-fluids from conception to prototype. 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](http://spacepropulsion.org). Also in his spare time, he co-founded the grass-roots organization, [theUSAparty.com](http://theUSAparty.com).

A passionate instructor, Mr. Thorpe spent several semesters as an adjunct professor at Morehead State University in the IET department as well as over 25 years as an instructor in the Boy Scouts of America after earning the Eagle Scout Rank.

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