



ThrustCurve Home

Here you will find manufacturer specs, certified performance data and other info on commercial model rocket motors and high-power rocket motors. Most importantly, you can download thrust curves for use with rocket flight simulators (including wRASP, RockSim and SpaceCAD among others).

The [certification organizations](#) test commercial rocket motors and certify them for hobby rocketry use. This site organizes data on those rocket motors and provides a place for hobbyists to post their simulator files and download those posted by others. With well over a thousand data files contributed by many users, you've come to the right place for rocket motor data.

Welcome to ThrustCurve.org!

 Search	Search for motor info and simulator data.
 Motor Guide	Automatically find motors for your rocket.
 Browser	Browse through motors by various attributes.
 Contribute	Contribute motor data files to this site.
 Manufacturers	A listing of motor manufacturers.
 Updates	Most recent updates to this site.
 Outbox	Download data and perform bulk searches.
 Background	Information on and motivation for this site.
 Simulation	Description of in-flight forces and simulation.
 Simulators	Existing rocket flight simulator programs.
 Statistics	An explanation of motor statistics.
 Certification	Information on motor certification.
 Glossary	Brief definitions of terminology.
 TCtracer	Application to help create motor data files.
 XML API	Programmatic Search and Download API.

This site is supported and maintained by [John Coker](#) in the hope that it will be a valued resource for the rocketry community. I want to thank the various motor testing organizations for their invaluable services to the rocketry hobby and all the hobbyists who create motor test data and make it available to all. See the [Contribute page](#) to see how you can help.