



Flight Simulation Suite for Matlab®/Simulink®



OUR PLEDGE

Successful projects and better engineers through easily accessible modeling & simulation.

OUR OFFER

Develop rapid and valuable flight simulations with these blocksets.

- Aerodynamics Model
- Propulsion Model
- Mass Model
- Sensor & Vehicle Model
- Equations of Motion Model

PRICE

Academic pricing bundles:

1 License	\$820
5 Licenses	\$3619
10 Licenses	\$6273
20 Licenses	\$9650

Annual maintenance:

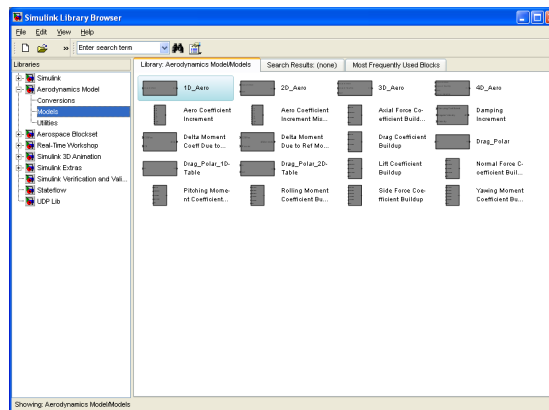
1 License	\$90
5 Licenses	\$410
10 Licenses	\$770
20 Licenses	\$1450

First year of maintenance is included in the price

All prices are U.S. Dollars

www.aerospacepro.com

- Rapid flight simulations for a broad range of aerospace vehicles
- Low to high fidelity depending on the needs
- Valuable for students and researchers
- Flexible deployment and pricing



The Flight Simulation Suite is collection of blocksets for Simulink® which enable the development of flight simulations for a broad range of aerospace vehicles. The suite is compatible with and offers a valuable extension to The MathWorks *Aerospace Toolbox and Blockset*. It can, however, stand alone for users who do not need the additional benefits of the *Aerospace Toolbox and Blockset*.

The Flight Simulation Suite is packaged with the academic environment in mind, making it a valuable tool for the classroom and research. Aerospace engineering students need every advantage possible in today's job market. The early introduction of modeling & simulation not only introduces a valuable set of new skills, but it also opens up new approaches to learning classical topics.

The Flight Simulation Suite offers quick and easy access to simulations for flight mechanics, flight controls, design courses and other projects. This allows students to remain focused on the topics under study and not on the details of the simulation. Flight simulation course students will not only get these advantages, but they will also be able to rapidly increase fidelity of their simulations as well as being able to see the underlying professional grade code and models and its effect on the quality of their work.

For research projects, the Flight Simulation Suite offers the ability to quickly move to high fidelity simulations, including hardware in the loop. It also can serve as a baseline for new libraries and code reuse which saves time and money.



TECHNICAL SUPPORT

Technical support is available on our website and via email for the first 12 months after your purchase. Afterwards, a purchase of software maintenance guarantees continued support and updates. Our website contains a user forum as well as knowledge base, documentation and video tutorials.

ROYALTY FREE

Works derived from the Flight Simulation Suite are royalty free.

WARRANTY

Your purchase may be refunded within 30 days for any reason. Otherwise, we will correct defects in the software that affects its use at no charge.

For more information on any of our products or services please visit us on the Web at:

www.aerospacepro.com

Additional Products & Services

- **Almost Ready to Fly (ARF) models.**
These are nearly complete models which only require customization for your vehicle. They offer a common, modular design which can be reused for most type of aerospace vehicles. Upon ordering, we will tailor our generic models for the *Aerospace Blockset* and/or AerospacePro models and deliver a model which only requires your data and testing. This can usually be done for a low, flat fee.
- **Training**
We can also provide onsite or online instruction for flight simulation with Matlab® & Simulink®. Take advantage of our 15+ years of experience of using these tools in the aerospace industry.
- **Other Tools**
 - ◇ UAS Toolbox
 - ◇ Mass Properties Calculations for Spreadsheets
 - ◇ Linear Analysis Tool and Simulation Blockset (available soon)
 - ◇ Complete Stability & Control DATCOM (written and software)

System Requirements

- Matlab R2009a or later
- Internet access for software download



Prices and product are subject to change

Though we extensively test every aspect of our software and attempt to deliver the highest quality, we do not accept liability for its use in derived flight simulations. It is the responsibility of the customer to determine the accuracy and appropriate use of their flight simulations.



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