

UAS Toolbox™

Designed for Unmanned Aircraft

The UAS Toolbox™ is a suite of functions and scripts for Matlab® that are tailored to the everyday analysis and simulation tasks of the Unmanned Aircraft System (UAS) researcher, manufacturer or operator.

Save Money

The UAS Toolbox™ gets the job done technically and saves money. Currently coming in at 109 functions and still growing, it would take several months of labor to develop an equivalent suite of functions at a cost up to \$10,000.

Increase Productivity

With the UAS Toolbox™, users can quit writing scripts from scratch and trying to decipher code from that intern who worked there two years ago. Instead, they can focus processing more data, increasing the complexity of the analysis and achieving quicker turn-around times.

Multidiscipline Approach

Unlike many tool suites that focus on a particular discipline, the UAS Toolbox™ is a Jack of All Trades. It covers everything from aerodynamics to navigation to RF link analysis. Refer to our website for the entire list of functions with descriptions. If the toolbox is missing something you need, let us know, and we will attempt to get it in a future version.

Support

A purchase of the UAS Toolbox™ or one of its functions includes lifetime support. Our standard package includes software updates for bug fixes and other quality improvements. It also includes direct support via email, online chat and access to our exclusive online user forum, knowledge base, and tutorials. Please contact us for additional support options.

A few of the many functions...

<i>Angle of Attack & Sided Slip</i>	<i>Latitude/Longitude/Altitude to North/East/Down Frame</i>	<i>RF Free Space Loss</i>
<i>Beam Angle</i>	<i>Great Circle Path</i>	<i>Link Budget</i>
<i>Body Frame to Sensor Frame Transformation</i>	<i>Rhumb Line Path</i>	<i>Quantization</i>
<i>Flight Path Angles</i>	<i>True Airspeed from Pressures</i>	<i>Engineering Units Conversion</i>
<i>Euler Angles to Quaternion</i>	<i>Density Altitude</i>	<i>Mean Sea Level Altitude from GPS Altitude</i>
<i>Closure Rate</i>	<i>RF Horizon Distance</i>	<i>Standard Atmosphere</i>

Matlab® Versions:	2007b and older (<i>should work with releases older than 2007b</i>)
Operating System:	Windows, Linux/Unix and Apple
Installation Options:	Windows Installer and Manual
Delivery:	Immediate online download CD included with purchase of the entire toolbox (<i>allow 2-3 weeks for delivery</i>)
Demos:	Trial downloads of the software are not available Online demos are available on request via GoTo Meeting

Matlab® is a registered trademark of the Mathworks

Purchase Options

- Visit our online store
- Purchase Order

Order forms and POs can be emailed to uassales@aisc.aero or faxed to +01 888.847.9396

Credit Terms for Approved Customers: 2/10 NET30 or NET15, otherwise payment due prior to shipment

We accept checks or wire transfers with payment due upon purchase.

Pricing

Software¹

Product	Volume	Price
Toolbox ²	1+	\$599
Function ³	1+	\$10-25 ⁴

AISC does not provide written documentation with the UAS Toolbox™.

LICENSE

UAS Toolbox™ is sold function by function on a single user license. The user is allowed a copy for up to two computers (i.e. desktop and laptop) and may not be used simultaneously. Multiple licenses must be purchased for multiple users. Multiple licenses can be purchased by increasing the purchase quantity to the desired number. A representative of the purchaser may store the product digitally as required to protect their investment.

Consulting

Item	Price
41AE5	\$99.50/hr

Upgrades

Product improvements and additions will be available for purchase on a function by function basis.

¹ Includes lifetime support. *Registration Required.* See our support policies at www.aisc.aero.

² Includes CD and free utility functions.

³ Some functions have dependencies which may require additional function purchases

⁴ See www.aisc.aero for current prices