

If you have a requirement to demonstrate or continually develop your C-sUAS capability, Boresight aerial target drones can help you

Boresight's aerial target drones and services are the perfect tools to assist your company with demonstrations and ongoing test and development activities for your C-sUAS capabilities. Boresight offers a range of highly cost-effective aerial target drones as well as easy to use Flight Management and Mission Planning software that will keep your costs down but also show your systems in their best light.

Boresight Use Cases: C-sUAS Industry

SUPPORT TO C-sUAS CAPABILITY DEVELOPMENT

If your company is developing a C-sUAS capability then you're going to need to be able to test and validate your system against increasingly complex simulated threats and attack vectors. If your system is based in part at least on a kinetic defeat method, you're going to need targets that are more realistic than hanging paint tins or balloons beneath expensive, commercial drones (and hoping that you don't hit the drone instead of the paint tin or balloon).

The cost effectiveness of Boresight's range of aerial target drones enables you destroy the actual target drone. Boresight's Flight Management and Mission Planning software enables you easily create simple through to complex simulated threats and attack vectors. Importantly, these are repeatable meaning that you can develop and calibrate your systems with confidence.

SUPPORT TO C-sUAS DEMONSTRATIONS

You want to be able to demonstrate your capabilities to their fullest extent. Customers want to see your C-sUAS capability demonstrated to its fullest, with as much realism as possible. The absolute best way to achieve this is to actually target the drone itself and to either destroy it (kinetic means) or defeat it through RF means, and to do that multiple times.

Boresight aerial target drones provide a highly cost-effective way of demonstrating your C-sUAS capabilities to customers. Demonstrations can be pre-planned and repeatable, meaning more time can be spent actually demonstrating your capability. Different sized aerial target drones can be used in single or multiple simultaneous flight paths. Boresight's Flight Management and Mission Planning software also enables you to construct mission scenarios within the particular flight range boundaries.

SUPPORT TO TRAINING AND CERTIFICATION

Boresight's aerial target drones provide the perfect, cost-effective solution for industry conducted individual and collective C-sUAS training. The target drones are affordable enough to be used for shooting down using kinetic methods or for bringing to the ground using RF / jamming methods.

With the ability to gradually increase target scenarios and complexity, from a single target on a simple flight path to

numerous simultaneous targets at different speeds, attack vectors and altitudes, Boresight's aerial targets can be used to implement a 'Crawl, Walk, Run' training regimen.

Boresight's aerial target drones can be used to train, test and certify customer personnel, increasing user uptake and satisfaction with your system and therefore driving additional revenue for you.



TARGET DRONE TYPES

RAIDER QUADCOPTER

Similar size and technical specifications to the most popular commercial quadcopters.

AVAILABLE NOW



Specifications

Range: **2.5km plus**
Speed: **18m per second**
Endurance: **20+ minutes**
Weight: **1.3kg**

HEXCOPTER

Similar size and technical specifications to the most popular commercial hex and octocopters.

AVAILABLE NOW



Specifications

Range: **2.5km plus**
Speed: **15m per second**
Endurance: **20 minutes**
Weight: **~5kg**

VIKING GROUP 1 VTOL

Flexibility of a large VTOL capability that could also be used as a Group 2 target.

AVAILABLE NOW



Specifications

Range: **5km plus**
Speed: **30m per second**
Endurance: **25 minutes**
Weight: **7kg**
Size: **2200mm (W)**
x 800mm (L)

PRICE AND COST EFFECTIVENESS

Boresight aerial target drones are typically $\frac{1}{4}$ the cost of their commercial equivalents. As they are significantly cheaper, more Boresight aerial targets can be used for "hard kill" C-sUAS sessions than COTS equivalents, improving operator effectiveness, muscle memory and systems proficiency. More training can be conducted more often.

If you want to fly more than one aerial target drone at the same time. If you want to be able to fly simple through to complex mission plans easily and repeatably. If you want support for the conduct of training to maximise the training benefit for your personnel. If you want to be able to fully train and test your people, systems and procedures...
You need Boresight aerial target drones.

About Boresight

Boresight was established by personnel with long term experience within the UAV, Defence, intelligence, and law enforcement domains, with the aim of providing highly capable but affordable and expendable aerial targets.



BORESIGHT PTY LTD UNIT 3, 96 WOLLONGONG STREET, Fyshwick ACT 2609 AUSTRALIA
www.boresighttargets.com

FOR MORE INFORMATION CONTACT **OLIVER PRICE** +61 (0)421 106 827
oliver@boresighttargets.com