

Don't let the first time your people face a drone threat be on the battlefield

Boresight's aerial target drones and services are the perfect tools to test your organisations' preparedness to meet today's current and emerging threats. If your organisation needs to train against the threats posed by drones then you need an affordable and expendable drone target and services solution.

Boresight Use Cases: Military, Security, and Law Enforcement Agencies

SUPPORT TO TRAINING, EXERCISES, CERTIFICATION AND VALIDATION

Boresight's aerial target drones provide the perfect cost-effective solution for 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 personnel, equipment and systems as well as to validate Rules of Engagement and Standard Operating Procedures. This will ensure that you, your personnel and equipment are trained, ready and able to meet the threats posed by drones.

SUPPORT TO PRE-DEPLOYMENT TRAINING AND READINESS

Boresight's aerial target drones can be used to support pre-deployment training and readiness activities, honing skills and equipment knowledge prior to arriving in-theatre. Through use of Boresight's Mission Planning software, training can be scenario driven to meet known, expected, likely and emerging threat vectors.

Personnel can deploy secure in the knowledge that they know how to defeat the drone threat and are proficient with their equipment and procedures.

SUPPORT TO C-sUAS CAPABILITY DOWN-SELECTION AND RISK MITIGATION ACTIVITIES

Government agencies are purchasing increasing numbers of C-sUAS systems, either kinetic systems as part of a broader weapons program, via RF based detection and defeat systems, or via an integrated system of both kinetic and RF defeat capabilities.

Boresight's aerial target drones can be used as an effective capability down-selection and risk mitigation tool, assisting agencies in validating the claims of vendors during technology selection and purchasing

activities. Agencies can use Boresight's aerial target drones to effectively put a vendor's claims to the test rather than simply relying on a vendor's data or a "canned" demonstration.

The ability to fly repeatable, pre-planned missions means that accurate comparisons can be made. The affordability of Boresight's aerial target drones means that vendor's capabilities can be thoroughly tested cost-effectively in challenging scenarios.



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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 ¼ 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.



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