

Mission Profiles and Packages

Boresight's Flight Management and Mission Planning software provides you with the ultimate flexibility when it comes to being able to pre-plan and manage your C-sUAS training, testing and evaluation program.

You can easily pre-plan missions across single or multiple simultaneous aerial target drones, including of different Boresight types. With Boresight's Formation Flying capability, you can mimic multi

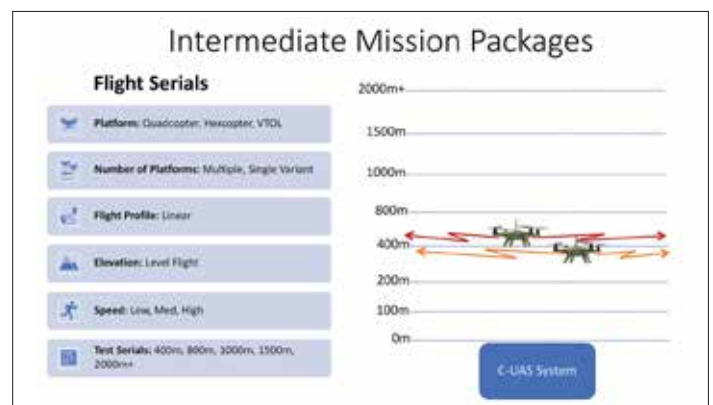
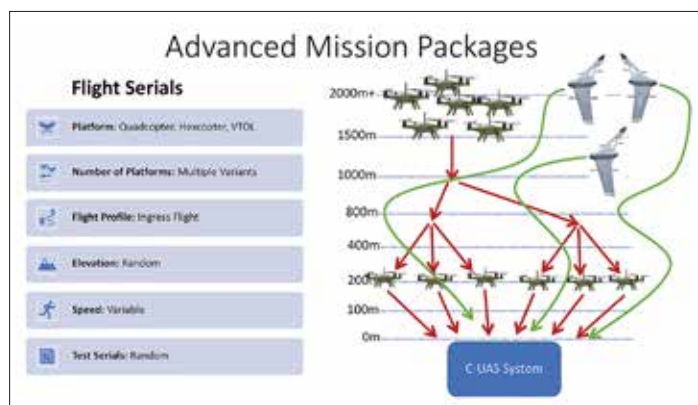
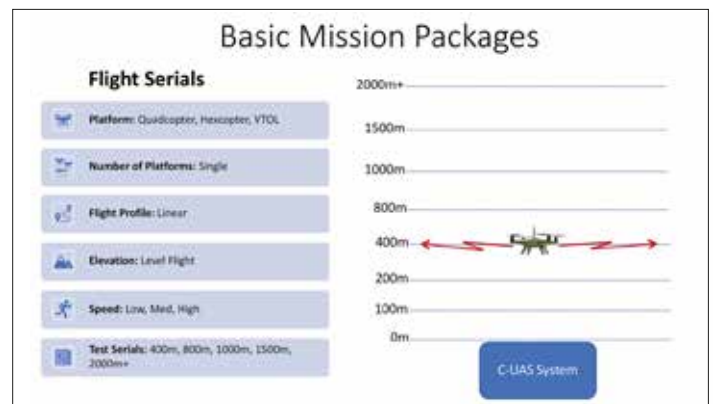
drone, multi vector drone swarming attacks to fully test your training, skills, systems and procedures.

The ability to pre-plan mission profiles means that less time is spent planning and more time is spent actually engaging targets when on the C-sUAS range. Consistent Mission Packages means consistent training with the ability to more easily assess results.

The Boresight Advantage

STEPPED TRAINING AND EVALUATION

A "Crawl, Walk, Run" stepped program can be implemented for your C-sUAS training and evaluation requirements. You can start training users with Basic level, single aerial target drone mission profiles. Once proficient you can then progress to Intermediate level involving two or more aerial target drones. From there you can really put your personnel, systems and procedures to the test with Advanced mission plans involving multiple aerial target drones of different types, flying different flight paths and patterns.



TARGET DRONE TYPES

Boresight has three aerial target drone types available, specifically designed to step through different size, cross section size / signature and targeting complexity, all available from a single source and using the same Ground Control Station, Flight Management and Mission Planning software.

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. Many pre-planned mission profiles are provided free of charge with Boresight’s Flight Management and Mission Planning software.

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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