

Swarm Vs. Swarm Launch Page

Introducing *Aerial Combat Swarms*

A Grand Challenge Competition

Mission: Deploy a large team of UAVs to:

- **Protect** your own high value home base
- **Attack** your opponent's home base and/or its defenders

Task: Develop the enabling technologies to realize this scenario

Aerial Combat Swarms is designed to explore:

- **Defensive and offensive** swarm tactics
- **Holistic systems approach** to future complex systems
- **Advanced challenges** in comms, coordination, and control
- **Open ecosystem** for hardware, software, and *tactics*
 - Easy-entry hardware, shared software library, implemented tactics playbooks



(Click to play animation)

Resources

Software

- Software repositories
 - Flight systems
 - Ground systems
 - Utilities
- [SvS Documentation](#)

Data

- Flight logs
 - Autonomy payload (rosvbag)
 - Autopilot logs (dataflash)
- Experiment
 - Field test objectives

Multimedia

- [Videos](#)
- [Image gallery](#)
- [Presentations](#)

Background

History

Progress

Next Steps

Recent News

Blog stream

Create a blog post to share news and announcements with your team and company.

