

# 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.

