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

Resources

Software
- Software repositories
  - Flight systems
  - Ground systems
  - Utilities
- SvS Documentation

Data
- Flight logs
- Autonomy payload (robag)
- 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.