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NASA Armstrong UAS and Autonomous Systems



Current and Past UAS and Autonomous Systems Research

UAS in the NAS

Partnering with the FAA and industry to integrating UAS into the NAS

Run Time Assurance for Autonomous Systems

Developing and testing architectures to solve the VV&C problem of complex systems

Ground Collision Avoidance

Preventing controlled flight into terrain

Autonomous Formation Flight

Exploiting the wing-tip vortex to save fuel

Automatic Aerial Refueling

Enabling UAS to refuel in flight

Peak-Seeking Control For Trim Optimization

Real time optimization of aircraft surface positions

