

# FAST

# Utility Swarm UAS



THE FIELD ADAPTABLE SUPPLY TECHNOLOGY (FAST) swarming system is a rapidly deployable and affordable platform for small payload aerial delivery. Using plug-and-play hardware, the FAST system can be quickly deployed to any area at a very low cost.

A user-friendly operating system enables fleets of vehicles operated by a single ground station to deliver up to 8 lbs of payload per vehicle more than 3 miles. Designed and built in the USA with a robust supply chain and lean manufacturing techniques, large quantities of FAST systems can be rapidly deployed, even for attritable missions such as target and counter UAS tests. FAST has been demonstrated in swarms of 30+ vehicles at TRL 8.

## KEY FEATURES

**Demonstrated Swarming (TRL 8) // NDAA Compliant Option // Customizable Payload // Rapid Order Fulfillment**



## FLIGHT SPECIFICATIONS

### Flight Specifications

Max Flight Time (hover)..... *Up to 45 min*  
Max Range..... *3+ miles, 4.8+ km*  
Max Ground Speed..... *50 mph, 22 m/s*

### Vehicle Specifications

DoD Sizing Classification ..... *Group 1*  
Maximum Gross Weight..... *13.5 lbs, 6 kgs*  
Usable Payload ..... *Up to 8 lbs, 3.6 kgs*  
Dimensions (with props)..... *29 in x 29 in x 6.5 in*  
*74 cm x 74 cm x 17 cm*  
Payload Options..... *Customizable*  
*Modular Open System Architecture allows for multiple GCS options*

## CORECOMPETENCIES

01

EFFICIENT AND SUSTAINABLE ELECTRIC AIRCRAFT TECHNOLOGY FOR  
ADVANCED AIR MOBILITY AND UNMANNED AIRCRAFT SYSTEMS

02

AS9100 CERTIFIED DESIGN-FOR-X FOR ADVANCED AIR MOBILITY  
AND UNMANNED AIRCRAFT SYSTEMS



**E|S|AERO**

FOR MORE INFORMATION

**INQUIRE@ESAERO.COM // +1.805.275.1053 // ESAERO.COM**

3580 SUELDO ST. // SAN LUIS OBISPO, CA 93401