



A E R I A L S P E C I A L T I E S

Integration and Testing
Training
Surrogate
UAS Chase
Solutions

Aerial Specialties
Incorporated

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EXPERIENCE AT WORK

Aerial Specialties Inc. is a privately owned aviation services company specializing in:

- Airborne Test and Evaluation (T&E) of emerging technologies
- Surrogate Unmanned Aerial Systems (SUAS) support
- Aircraft / UAS Chase
- Intelligence, Surveillance and Reconnaissance (ISR) augmentation and training

Built on a solid foundation with over 11 years of ISR and test experience, the company is fueled by the vision, dedication, enthusiasm and expertise of our staff, many of whom have been involved in direct support of our Nation's interests at home and overseas supporting the U.S. Army, USSOCOM and DHS/CBP. Our experience includes performing in multiple manned and unmanned developmental and operational projects as operators, pilots, test conductors, managers and technicians. This broad base of technical and operational subject matter expertise sets us apart as a company capable of presenting the "total package" solution.

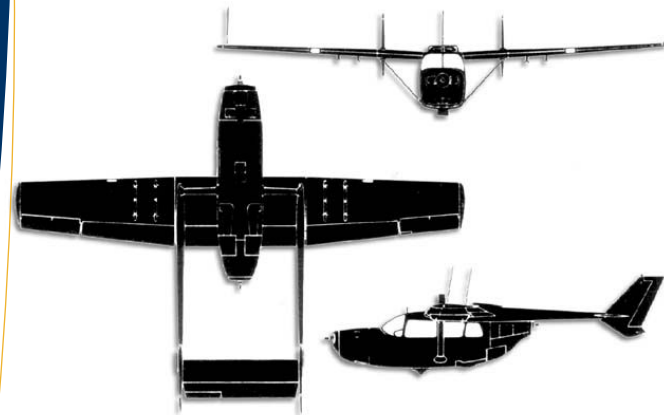
In order to deliver innovative and effective flight services at competitive rates, with a commitment to customer service and satisfaction, Aerial Specialties has established strategic partnerships that allow us to maintain a lean footprint and minimize overhead costs.

Our Commitment:

To provide dependable, adaptable and effective flight services to our government, public and private sector customers.

THE VERSATILITY TO MEET YOUR NEEDS

Our primary platform is the Cessna O-2A aircraft which provides exceptional versatility and is ideally suited for flight test activities as well as multiple other roles. The O-2A aircraft is unique in that it requires no modification to carry external payloads. The O-2A is certified in the normal category and retains all the capability with which it was designed: to carry external payloads.



The O-2A is a multi engine, high wing observer aircraft. It is equipped with four external pylons, two under each wing. A camera port is located in the belly of the aircraft and can be used for smaller, “through the skin” test articles or cameras. Should additional flexibility be required, a cargo pod can be mounted beneath the belly of the aircraft.

AIRCRAFT SPECIFICATIONS

- FUEL CAPACITY-----122 GAL
- Typ FUEL BURN-----20 GAL / HR
- Typ CRUISE SPEED-----110 KTS
- ELECTRICAL SYS-----28 VDC
- POWER GEN-----60AMP (X2)
- Typ EMPTY WEIGHT-----3226 LBS
- GROSS WEIGHT-----4400 LBS
- USEFUL LOAD-----1147 LBS
- WING PYLON-----350 LBS (X4)
- CAMERA PORT-----9X12 IN
- CARGO POD-----350 LBS



SURROGATE SOLUTIONS (SUAS)

- Extensive operational experience in UAS implementation and TTPs
- “Short Notice” availability to augment your needs
- Enhance your training evolutions with Aerial Specialties’ UAV surrogate support

INTEGRATION AND TESTING

- Specializes in providing customizable airborne testing services to meet the needs of your emerging technology
- Experienced in developing and executing test plans and management of the test cycle
- Capable of internal and external carry

UAV CHASE (see and avoid)

- Experienced in the techniques and procedures required to provide effective and safe “see and avoid” services
- Equipped to provide chase services for the complete spectrum of UA’s, from group 2 through group 4.

TRAINING

- Uniquely positioned to provide flight instruction tailored to the UAS operator, focusing on those skills and certifications required to operate Group 2 through 5 UA in the NAS
- Equipped with the assets and flexibility to provide your sensor operator with operationally tailored EO/IR training

Dependable

Adaptable

Effective