

Specializing in new product introduction (NPI) through production-volumes of small drones and air vehicle systems.

Comprehensive Engineering resources are available for support on site as needed.



Manufacturing Experience

Multi-Tier UAV's

Ground Stations

Battery Packs & Chargers

Electro-Mechanical Assemblies

Air Vehicle Modifications

Manufacturing Capabilities

In-House Composites:

Mold Design & Fab
Structures Fabrication
Paint Booth
Curing Ovens

In-House Machining Center:

3D Printing
3-Axis & 5-Axis
CNC Machining
Welding

Qualified Aerospace Supply Chain:

Motors
Propellers
Composites
Avionics:

- Payloads
- Metal
- Electronics
- PCBA's

Extensive Test Capabilities

Product Testing:

Environmental Stress Screening
Electric Motor Dynamometer
(15kw-200kw)
Qualification & Acceptance
Ground & Flight
Electric Motor & Controller
Battery/Battery Cell

ESAero Manufacturing Footprint

20,000 sq. ft. "Lean" Manufacturing Workspace

AS9100 Rev D/ISO9001 2015 Certified

Flexible Work Cells

ESD Controls

Qualified Trainers & Operators
(IPC610/620 and J STD-001)

Additional Services

Rapid Prototyping
Design for Manufacturing
Cost Reduction
Engineering Drawings (Solid Works)
Visual Work Instructions
B.O.M. Creation
Engineering Change Control
Supplier/Sub-Contractor Management
Inventory Management
Quality Assurance

