



ABOUT FPD INDUSTRIES

Originally founded in 2015 as Flying Pig Designs, our new division, FPD Industries, delivers cutting-edge electromechanical solutions in robotics, drones, and Aerospace. Our Lean Product Development process, rapid prototyping methodology, and flexible pricing allow us to tackle a variety of challenges. With a proven track record of delivering innovative designs in highly regulated and competitive industries, we are your trusted partner for simple to complex development.

CORE CAPABILITIES

- **Requirements Development**
- **Design & Development**
- **Industrial Automation Solutions**
- **Rapid Prototyping & Testing**
- **Design for Sustainability**
- **Design Transfer & Documentation**

SPECIFIC AREAS OF TECHNICAL EXPERTISE

- **CAD & Simulation**
- **Embedded Systems Integration**
- **Regulated Design**
- **Mechatronics Design**
- **Ergonomics & Usability Design**
- **Conceptual Development**

DIFFERENTIATORS

Speed & Dependability: FPD Industries delivers rapid turnarounds and detailed, upfront cost and timeline estimates. Our lean structure allows us to adapt quickly to evolving client needs, with a strong emphasis on time-to-market and milestone-driven execution.

Relevant Technical Experience: While new to aerospace, FPD Industries brings proven experience in industrial enclosures, precision mechanical assemblies, and optical integration - skills directly applicable to ground systems, UAVs, and mission-critical aerospace components.

Commitment to Quality & Compliance: FPD Industries is actively pursuing AS9100D certification to support high-reliability sectors, with additional alignment to IEC 62304 (medical software), IEC 62366 (usability), and ISO 14001 (sustainability).

Advanced Design Tools & Partner Ecosystem: Our team leverages industry-standard tools like Solidworks, Altium, and Minitab, and collaborates with specialized partners for multiphysics simulation, advanced analysis, and rapid prototyping - enabling comprehensive, scalable solutions.

Lean, Scalable Team: Our core team is supported by a large, vetted network of experienced contractors, allowing us to deliver senior-level engineering without the overhead of large firms. This structure enables rapid scaling, competitive pricing, and tailored project execution.

CONTACT INFORMATION

Flying Pig Designs, LLC, DBA FPD Industries
Keir Hart
Owner
keir@flyingpigdesignsllc.com
1104 Diamond Circle
Lafayette, CO 80026
flyingpigdesignsllc.com/FPD-industries

COMPANY DATA

UEI: HVFABZTJ8678
CAGE Code: 9KTK1
NAICS Codes: 541330, 541340,
541420, 541511, 541715
SBA Small Business Certified
SAM Registered