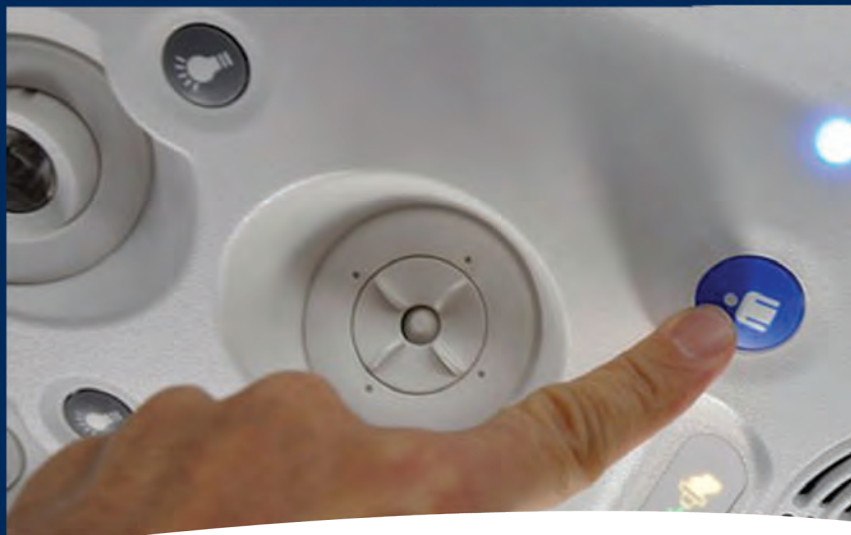
PECO INC.

INNOVATIVE EXPERIENCED RESPONSIVE AEROSPACE COMPLEX DESIGN, DEVELOPMENT & MANUFACTURING



ASTRONICS
PECO Inc.

Proven tier-one, award-winning supplier to OEMs in aerospace and defense

Let more than 75-years of PECO aerospace expertise fulfill your high-performance integrated production needs.

Design Engineering

Tooling and manufacturing engineers provide expertise in; mechanical and electronic part design, material selection, design-for-manufacturing, and tool selection. Design and qualification programs include; proprietary aerospace assemblies, PCB, actuators, controls, LED lighting, air gaspers and aerospace grade electronics. PECO serves customers in Design Build format and build-to-print, utilizing FEA & multiple CAD platforms (SolidWorks, CATIA V5). PECO's enhanced tooling design methods deliver; reduced lead-time, higher yields, lower material-consumption, and optimized cycle-times, compared to competitive programs.

Plastic Injection Molding

With decades of expertise in supporting world-class original equipment manufacturers (OEMs), PECO builds custom injection molded components with minimum tolerances using highly engineered aerospace grade resins. Equipment includes: multiple injection molding presses with range capacities of 40-tons to 610-tons clamping pressure.

Aluminum & Zinc Die Casting

PECO die cast components have high part-density with superior surface finishes, low-porosities, and minimal defects. Industrial die cast facilities include: robotic sprayers, automatic ladling, hot-oil systems for die pre-heating and temperature stabilization, central vacuum system, and molten-metal bath filtering, as well as Visi-Trak process monitoring. Phillips industrial x-ray technology performs real time imaging of parts.

CNC Machining

Industry leading secondary operations of die cast parts is performed by CNC machining. PECO's high-yield capacity is facilitated by nine high-speed horizontal and vertical machining centers (four recently added), along with two Zeiss automated CMM's and several manual CMs. Mastercam programming environment assures design adherence. With up to six-pallet changers with 3- and 4-axis capabilities, PECO has the versatility to excel in producing competitively priced short- or long-run production.

Surface Finishing

Chromate conversion ensures corrosion-inhibited components suitable for subsequent painting or powder coating, while having nearly zero electrical resistance. Environmentally controlled paint-booths and curing ovens deliver finishes suitable for high-performance in demanding environments.

PECO supports the highest industry-standards and is compliant to; AS 9100 rev c / ISO 9001:2000, AS9102 (FAI), Nadcap, and FAA Qualification.

PECO Delivers:

Expanding solutions and capabilities in Titanium, composites, lighting and new weight-saving thermoplastics materials.

One-stop resource for complex product assemblies integrated into critical-performance projects.

Commercial Aerospace

Long-time manufacturer with **99.95%** on-time rate, fulfilling requirements for most major OEM programs, including: passenger service units (PSUs), composite & Titanium fuel access doors, ECS air diffusers, overhead IFE video panels, LED lighting, and electronics.

highly-integrated in-house production capabilities

- **Design Engineering**
- **Assembly & Integration**
- **Injection Molding**
- **Metals Die Casting**
- **CNC Machining**
- **Screw Machining**
- **Surface Finishing**
  - **Chromate Conversion**
  - **Paint**

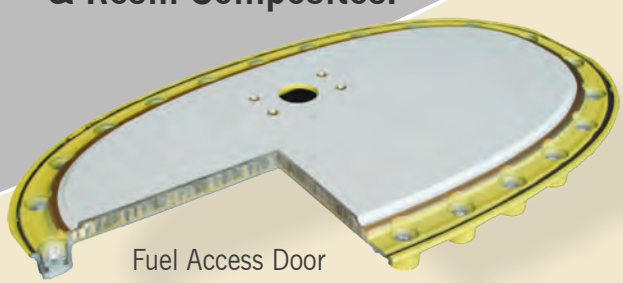
*85% of all parts are manufactured in-house

materials

Aluminum, Titanium, Zinc, Thermoplastics, & Resin Composites.

World leader in design & manufacturing of PSU assemblies

PSU



Fuel Access Door

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