



Miniature Motors for Aerospace and Defense Applications

Reliability. Durability. Precision.

Portescap's breadth of technology options and design expertise have made us a proven motion solution provider for a variety of aerospace and defense applications for over 40 years, including in the commercial and military aircraft space. With highly specialized designs from Portescap, you get reliable solutions that are resistant to thermal and mechanical shock and that are capable of delivering the necessary power and long life required for these applications, all in a small, lightweight envelope.

BRUSHLESS
DC MOTORS



BRUSH DC
MOTORS



LINEAR
ACTUATORS



STEPPER
MOTORS



GEARBOXES
& ENCODERS



Portescap

Aerospace and Defense applications require motion solutions which must not only operate reliably in harsh environments, but must do so in a lightweight, compact package size. Portescap's miniature motors are designed to just this - performing continuously in severe conditions while simultaneously providing high efficiency in a power-dense envelope. These features make our wide range of motion solutions ideal for the following applications:

A&D Applications

Commercial Aerospace

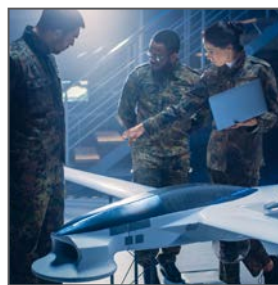
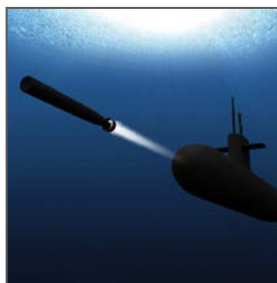
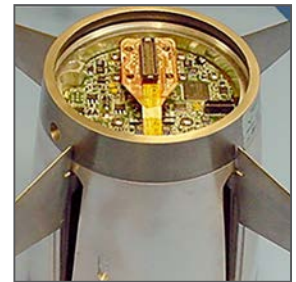
- Seat Actuation
- Window Shades
- Flight Control Systems
- Fuel Valves and Propulsion Systems
- Environmental Control Systems
- Drones / UAVs

Military Aerospace and Defense

- Missiles / Smart Ordnance
- EO/IR Systems
- Drones / UAVs
- Flight Control Systems
- Fuel Valves and Propulsion Systems
- Mobile and Surveillance Robots
- Autonomous Underwater Vehicles
- Torpedo Launchers and Actuators
- Gimbals

Spacecraft and Rockets

- Propulsion Systems
- Satellite Actuation
- Flight Control Systems



One motor does not fit all. From standard commercial off-the-shelf (COTS) products to fully customized motion solutions, Portescap's global network of motor specialists for aerospace and defense applications will take your most complex requirements and find the optimal precision motion solution.



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