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MILITARY GROUND SUPPORT & FLIGHT CONTROL GRIPS

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For over 50 years, OTTO has built a reputation for innovative engineering capabilities and adherence to the highest quality standards. Our switches and controls perform every day in some of the toughest applications in the world, from Military Ground Support Grips, Throttle Quadrant and Control Grips for fixed-wing aircraft, to Helicopter Cyclic and Collective Grips. OTTO houses a complete MIL-I-45208, as well as ISO 17025 (A2LA), onsite test lab facility with environmental, mechanical, electrical and audio test capabilities. Registration to ISO 9001:2008, AS9100C and FAA Part 145 Repair Station. Our experience and know-how in the design and manufacturing of precision switches and grips have made us a supplier to all flight control manufacturers. With an emphasis on sealed-switch technology and custom electromechanical switch design and development, OTTO has a solution to meet the most demanding applications.

## Military Ground Support Grips

- Custom machined heads available to fit standard handles
- Backlighting options
- Custom head can be outfitted with a variety of OTTO switches

## Military Flight Control Grips

- B8 & Cobra style grips are made in accordance with MIL-DTL-25561
- Most ergonomic version on the market
- Non-reflecting, non-hygroscopic, rugged injection molded grip
- Choice of termination styles—from integral connectors to wire harnesses
- Threaded disconnect or tube mounting
- Can be populated with MIL qualified switches, standard or custom configurations

## Throttle Control Grips

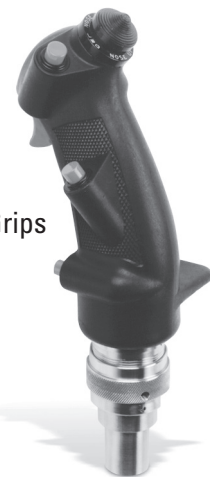
- Control for fixed-wing aircraft
- Custom toggle & rocker switches can be used to meet high cycle requirements



Cyclic Grips



Military Ground Support Grips



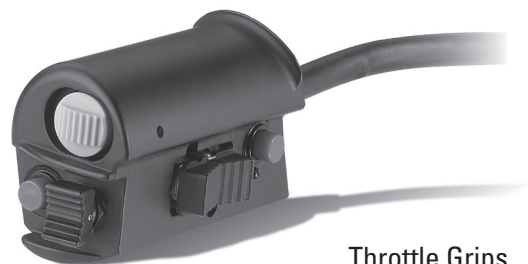
B8 Style Grips



Cobra Style Grips



Collective Grips



Throttle Grips

## HELICOPTER CYCLIC & COLLECTIVE GRIPS



Exploded View

### Helicopter Cyclic & Collective Grips

- Grips have thin-wall, investment cast aluminum construction for high strength & low weight
- Modular construction
- Custom heads & switch mounting plates can be fabricated to fit standard handles
- Available with switch access panel for easy repair & maintenance
- A variety of button colors & style options available
- Transducer & electromechanical trim switch options



Collective Grip with  
Thumbwheel Switch  
and NVG Backlighting



Helicopter  
Cyclic Grips



Cyclic Grip with  
Custom Switch  
Guards



Systems Grip

GRIPS