



# ITT

## Aerospace Controls

### Advanced Technology Actuator



*The Advanced Technology Actuator (ATA) from ITT Aerospace Controls uses technical advances achieved in fields of materials, processes and electronics miniaturization.*

*The customer supplied electric power is processed through a solid state control package, which is applied to a permanent magnet motor. The motor output shaft drives through a speed reducing, torque amplifying planetary geartrain which rotates the ATA output shaft. Operating time and torque loads vary depending upon gear ratio selected.*

*Engineered for life*

#### Features

- Light weight
  - Low power consumption
  - Operates from 28 VDC or 115 VAC 400 Hz power sources
  - Manual override clutch standard
  - Environmentally sealed
  - Optional EMI/RFI filtering available
  - Alternate connector/mounting covers
  - Standard housings in aluminum; optional stainless steel and composite material
- ✓ **Electrical Efficiency** improved through the use of a modern permanent magnet motor and simplified drive electronics.
- ✓ **High Reliability** obtained by combining a proven mechanical planetary gear system and advanced electric/electronic motor and controller.

