



**1** PROTECTIVE UPPER GUARD

**2** MICROPROCESSOR

**3** RELAY BANK

**4** ROTARY ACTUATOR

**5** ANGULAR CONTROL MECHANISM

**6** LATCH MECHANISM

**7** KEVLAR AND CARBON FIBER COMPOSITE FOOT

**14** CUSTOM ENCODER

**13** POWERTRAIN: ELECTRIC MOTORS, PLANETARY AND SPUR GEARS, AND BALLSCREW

**12** LINEAR ACTUATOR

**11** COMBINATION BEARING ASSEMBLY

**10** COUPLER

**8, 9** CUSTOM BEARING AND ROTARY DIRECTION CONTROL MECHANISM

