Program— Business Jet

Technical Accomplishments / Requirements and Design Highlights—

Actuator assembly integrates the following—

- P.M. Brush DC Motor
- Anti-Backlash Gearing
- EMI Filter
- RVDT Position Feedback
- Spur-Gear Speed Reducer
- Environmental Enclosure
- Dual Non-Backdriving Acme Screws
- Structurally Redundant Dual Load Paths to comply with FAR 25

Product Features—

- 28 VDC Motor Excitation
- 0.96” Stroke
- >1100 lb Limit Load
- 118 lb Output at 0.0122 in/sec
- <.005” Backlash
- Modular Construction
- Non-Jamming Mechanical Stops
- 2.8 lb Maximum Weight
- -55°C to +70°C Temperature Range