Starter Air Valve Upgrade
for the UH/SH-60 and H-1 Helicopter Platforms

### Expertise
**Since 1938**
Maximizing Efficiency and Safe Flight Performance
Honeywell has been at the forefront of design and manufacturing of high performance pneumatic valves for aerospace applications

1,500
Pneumatic Valve Designs designed and produced by Honeywell

200 +
Applications across military, commercial air transport, business and regional aircraft

10+ years
Demonstrated reliability of PN 3213850-6 Starter Air Valve on the S92 Helicopter

### Innovation
#### Starter Air Valve Configuration
- Flow body and butterfly plate upgraded from Aluminum to Steel

#### More Robust Design
- More compatible with high inlet temperatures and provides better support of steel duct clamps
- Addresses wear, corrosion and distortion failure modes associated with current valve

#### Excellent Wear Characteristics
- Provides excellent wear characteristics and low closing friction

#### Increased Operational Capability
- Upgraded Position Indicator Switch is a more robust, high reliability design than current micro-switch
- Hermetically-sealed gold contact switch replaces silver contact position micro-switch
- Complies with explosive atmosphere test requirements and prevents oxidization at low currents

### Proven Design
**>8000** Hours
Mean Time Between Failure (MTBF)
Improved starter performance with lower cost of ownership

Reduced Maintenance Costs

Drop-in Replacement
No aircraft modifications required

Global Service and Support Network
Knowledge and resources for all service needs – whenever and wherever maintenance and repair services are required

Find out more at www.aerospace.honeywell.com