

# Air Turbine Starter Upgrade

for the UH/SH-60 and H-1 Helicopter Platforms

## Air Turbine Starter (PN 3505300-10)

Provides operators with a significant increase in reliability and safety, higher performance and reduced maintenance costs over the life cycle of the aircraft.



### Expertise

# 80%

of the World's Military and Commercial Aircraft use Honeywell Air Turbine Starters

We have pioneered virtually all Air Turbine Starter System technological advances

# 160+

Pneumatic Starter Models designed and produced since 1950

# 200,000+

Air Turbine Starters have been shipped

# 140,000+

Daily main engine starts

# 8 million+

Starter operating hours logged per month

### Innovation

# >14%

 Increased Light-off torque

Imperative during engine start conditions with elevated resistance:

- Degraded aerodynamics
- Higher internal drag/resistance
- Colder temperatures



#### Quick Drain Oil Valve

- Allows maintainer to quickly and easily drain oil without removing starter from helicopter



#### Fill-to-Spill Oil Neck

- Ensures proper oil servicing every time; prevents overfilling the oil sump



#### Starter Configuration

- Redesigned lubrication system and output shaft
- Redesigned stator inlet duct
- Retains all safety features from previous design

### Proven Design

# >4000

Mean Time Between Failure (MTBF)  
Improved starter performance with lower cost of ownership:

- Industry leading reliability rates
- Fewer maintenance man hours
- Reduced maintenance costs
- Starter reliability proven over 4-year flight evaluation test



#### 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