

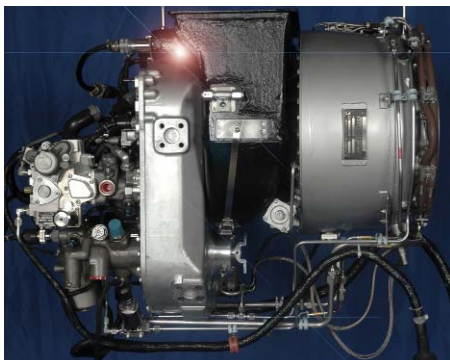
**HTS900-2**

**Honeywell**



**HTS900-2 Turboshaft Engine**

# HTS900-2



## Introducing The More Powerful HTS900-2 Engine

The HTS900-2 engine is the latest engine to join the Honeywell family of helicopter engines. The HTS900-2 incorporates numerous next-generation technologies developed by Honeywell.

### HTS900-2 Customer Value

- High Reliability - No Hard TBO
- Single Digit Direct Maintenance Cost
- Industry Leading Power-To-Weight Ratio
- World class SFC levels

Two gearbox designs are available, one for 6,317 RPM output and one for 9,598 RPM output providing the airframe OEM flexibility of transmission system design.

Additionally, the HTS900-2 engines are available with a conventional front drive with rear tail rotor drive layout which further enhances the engine's integration ease into new or existing helicopters.

### HTS900-2 Engine Highlights

The HTS900 engine utilizes a Dual Channel FADEC system with a manual backup provision to ease pilot workload and to facilitate engine maintenance planning and troubleshooting.

### Honeywell Aerospace

1944 E Sky Harbor Circle  
 Phoenix, AZ 85234  
 Domestic 1.800.601.3099  
 International 1.602.365.3099  
[www.honeywell.com](http://www.honeywell.com)

Honeywell offers a variety of Helicopter Support Plans (HSP) for the HTS900-2 engines to provide the operator with long term direct maintenance cost control programs.

### Key Features

The HTS900-2 engine incorporates next-generation technology developed by Honeywell including a Dual Centrifugal Compressor. The Dual Centrifugal Compressor increases engine power output, reduces engine fuel consumption and provides for engine growth with the same compressor architecture.

- High rotating component lives result in low operating costs
  - Compressor Section = 15,000 cycles
  - Turbine Section = 15,000 cycles
- Dual Channel FADEC
- Cooled Gas Producer Turbine
- Low Weight
- Small Footprint

- On-Condition Maintenance
- Single and Twin Engine Applications
- Effusion Cooled Combustor
- Single Crystal Turbine Blades
- Increased FOD Resistance
- No Passive Surge Control Device

### HTS900-2 Single Engine Ratings

| RATING*         | SHP | SFC   |
|-----------------|-----|-------|
| Take-Off (5Min) | 998 | 0.526 |
| Max Continuous  | 891 | 0.524 |

### HTS900-2 Twin Engine Ratings

| RATING*        | SHP  | SFC   |
|----------------|------|-------|
| 30 Sec. OEI    | 1123 | 0.532 |
| 2 Min. OEI     | 1085 | 0.528 |
| Cont. OEI      | 998  | 0.526 |
| Take-Off       | 998  | 0.526 |
| Max Continuous | 891  | 0.524 |

\*Sea Level, ISA, Uninstalled, Minimum Engine

## Small, Compact Modular Design with Next Generation Technology Results in Low Direct Maintenance Cost

