

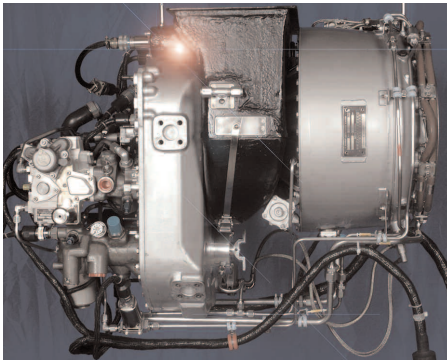
HTS900-2

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 dating back to 1950. 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

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

