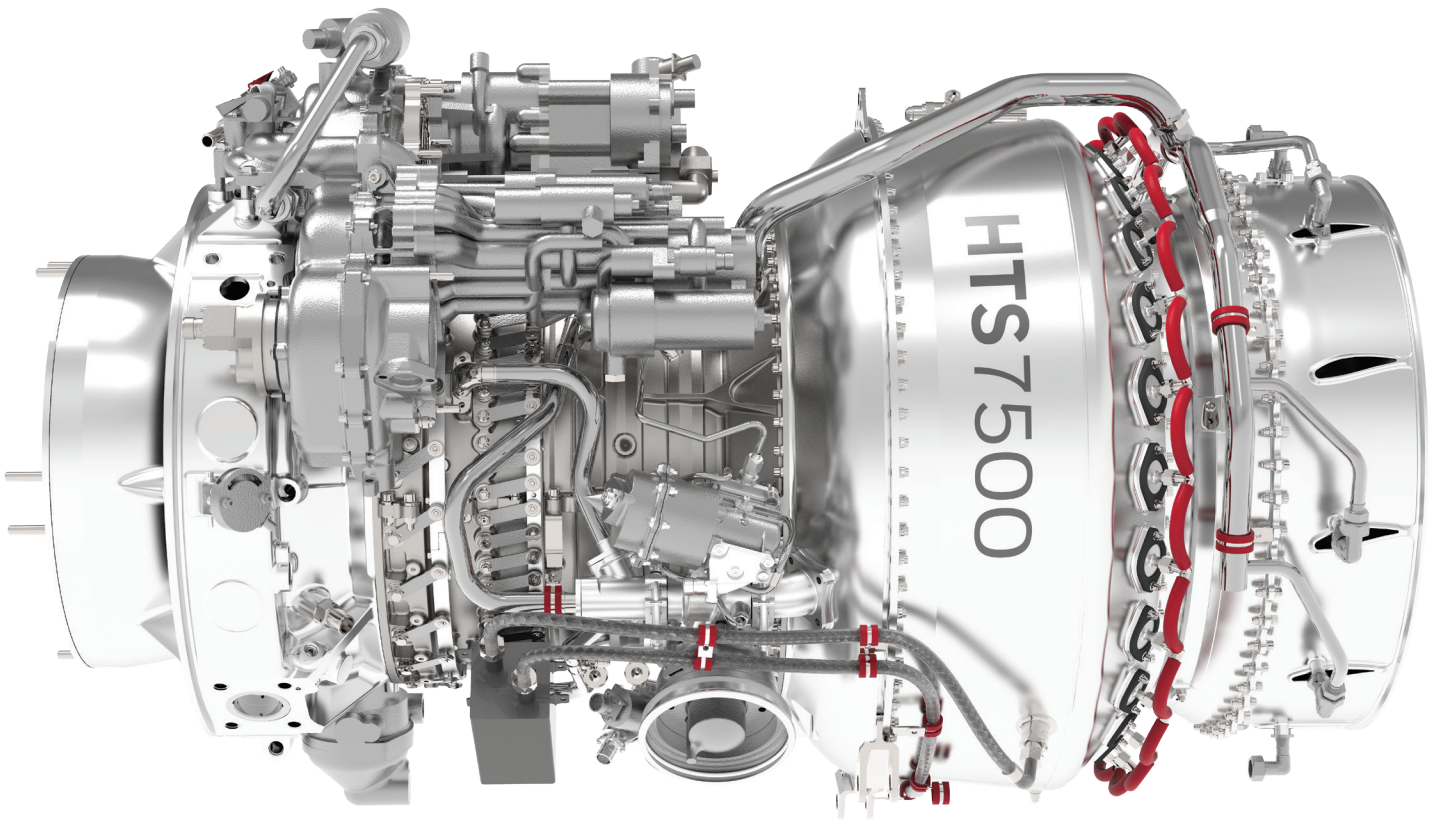


HTS7500 TURBOSHAFT ENGINE

Honeywell's next-generation helicopter engine for DEFIANT X®



HTS7500 Engine

Honeywell

SETTING NEW STANDARDS OF POWER, PERFORMANCE AND RELIABILITY

The Honeywell HTS7500 is the culmination of nearly seven decades of matchless success in designing and building helicopter engines that deliver for the U.S. Army and warfighters in the field. No wonder the Sikorsky-Boeing DEFIANT X team chose the HTS7500 to power the next-generation DEFIANT X.

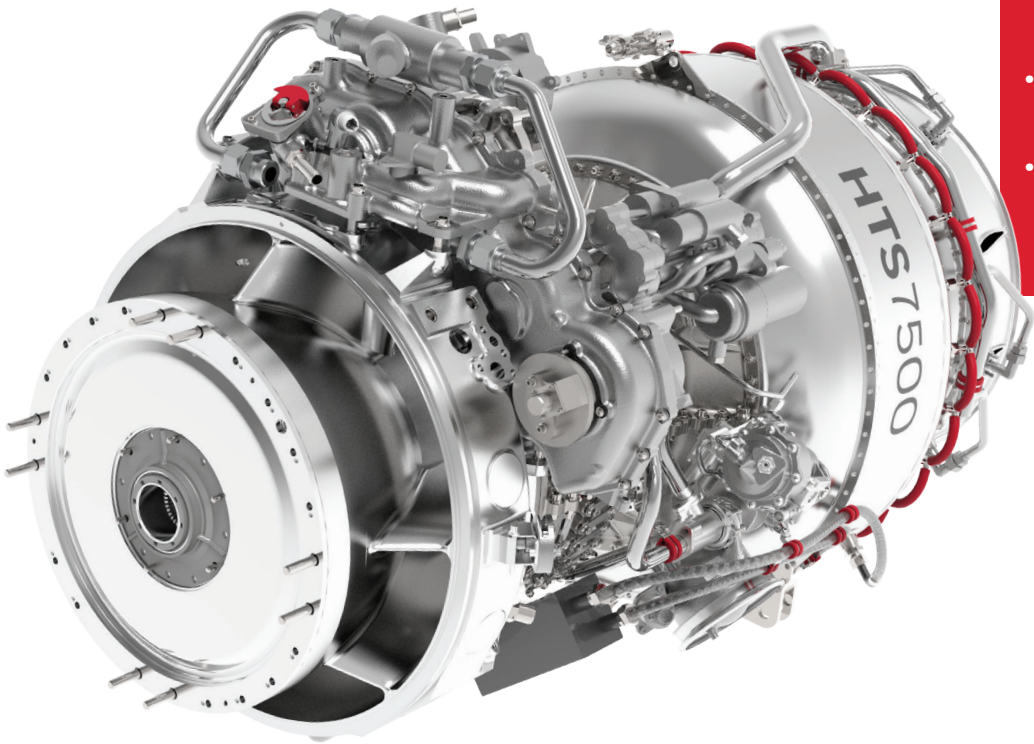


DEFIANT X is the Sikorsky-Boeing entry in the Future Long-Range Assault Aircraft (FLRAA) competition to replace the Army’s aging fleet of UH-60 Black Hawk helicopters. With the HTS7500 and other advanced features, DEFIANT X is planned to be the fastest, most maneuverable assault helicopter ever built.

The new engine evolves from Honeywell’s legendary T55, which powers the CH-47 and MH-47 helicopters. But make no mistake. The HTS7500 is not just incrementally better than its predecessor. Instead, it represents a giant step forward in power, performance and reliability.

The HTS7500 is 42% more powerful than the newest version of the T55. It’s also more compact and efficient, offering the lowest total weight compared to other engines in its horsepower class and an 18% reduction in specific fuel consumption.

That means the HTS7500 can fly farther, faster with a higher power-to-weight ratio than any comparable engine. This makes it the perfect choice for the DEFIANT X and the U.S. Army to provide America’s aviation warfighters with the capabilities they need to succeed, regardless of the mission.



**HTS7500
TURBOSHAFT ENGINE
AT A GLANCE**

- Combat-proven engine architecture
- Demonstrated sand ingestion tolerance
- 42% power improvement (as compared to T55-714A)
- 18% reduction in specific fuel consumption (as compared to T55-714A)
- 100% compliant to Army specifications
- Lowest acquisition and lifecycle cost
- Lowest cost maintenance and sustainment
- Proven commonality with already fielded hardware in the U.S. Army inventory

TECHNICAL DATA	
Model	HTS7500
Engine Type	Turboshaft
Market	Military Helicopter
Power Class	7,500 SHP



For more information

Visit us at: aerospace.honeywell.com/HTS7500

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**THE
FUTURE
IS
WHAT
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