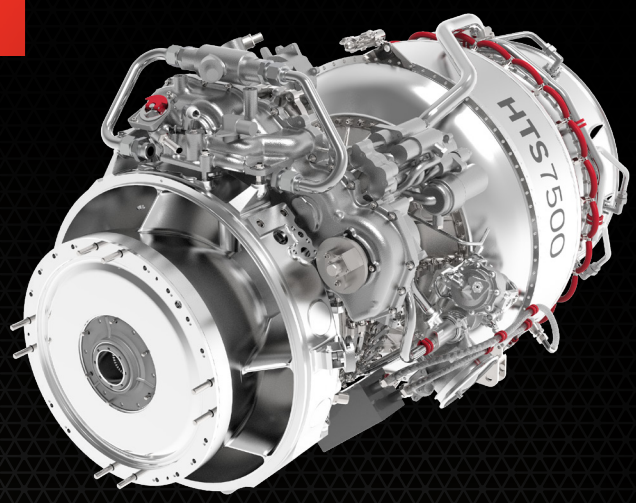
HTS7500 TURBOSHAFT ENGINE



HTS7500 for FLRAA: Our Proven Value

High-value, low-risk option to meet the Army's FLRAA requirements, with a 42% increase in power and lowest acquisition cost.

42% MORE POWER

2x

HIGH PERFORMANCE AT LOWEST RISK

- **Evolved from T55 engine family —** combat-proven engine architecture ensures reliability
- **Favorable power-to-weight ratio —** small package to enable vehicle concept
- **Engine/airframe integration expertise —** opportunity to optimize engine to aircraft

VALUE DELIVERED

- **42% increase in power** and -18% specific fuel consumption compared to current 714A
  - Increased lift
  - Increased range
  - Increased airspeed
- Health monitoring and continuous power assurance

MAINTAINABILITY AND SUSTAINMENT

- True condition-based maintenance
- Automated continuous power assurance
- Longer time on wing

LOW-COST ACQUISITION

- Cost-conscious design

HTS7500 ENGINE ARCHITECTURE IS INTENTIONALLY DESIGNED TO MAXIMIZE DEFIANT X® PERFORMANCE

TECHNICAL PERFORMANCE

Meets or exceeds **ALL** requirements, while simultaneously having a low operational weight and retaining optimal design flexibility.

Tailored to optimize missions for the best value performance.

RUGGED AND RELIABLE

Highly reliable with on-condition maintenance and engine health monitoring, providing low operational and support cost

LESS FUEL BURN

Reduced engine fuel burn enables the DEFIANT X to meet and exceed stringent FLRAA mission requirements

100%

COMPLIANT TO LATEST ARMY SPECIFICATIONS

LOW WEIGHT

Achieves power with less weight – meets all US Amy requirements while providing a streamlined and efficient design, robust construction and low part count using proven, low-cost materials

RELIABILITY AND MAINTAINABILITY

Designed to maximize reliability and maintainability in rugged environments.

COMBAT PROVEN RELIABILITY

Reduced part count, sand tolerant design; low turbine temperatures to minimize cooling and sand glassing

DESIGNED FOR THE MAINTAINER

All on-aircraft maintenance can be accomplished with only one maintainer and requiring only 19 of 140 tools from the Army power plant toolbox

For More Information

aerospace.honeywell.com/HTS7500

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