

HONEYWELL HTF7000 TURBOFAN ENGINE

Proven Reliability at a Lower Operating Cost



Honeywell

WORLD-CLASS RELIABILITY

Delivering enhanced customer value through design innovation, the HTF7000 engine demonstrates Honeywell's commitment to propulsion system engineering and technological development for business class aircraft.

PROVEN CUSTOMER VALUE

Having now surpassed 7 million flight hours, the HTF7000 family has demonstrated unmatched reliability and significantly lower maintenance costs for the demanding business aviation operator. Designed for on-condition maintenance, the HTF7000's periodic inspections and standard maintenance are easily performed on-wing, reducing costly downtime. Line replaceable components can be removed and replaced using common hand tools. The engine is designed to be environmentally friendly, with a significant margin for all pollutants controlled by ICAO committee on aviation environmental protection (CAEP) standards.

Customer Focused Design

Designed by customers, for customers, the HTF7000 is designed with multiple access panels and engine ports for quick

troubleshooting. The HTF7000's improved fuel efficiency is accomplished by a wide chord damperless fan, SLE compressor airfoil technology, a low-emissions effusion-cooled combustor, transpiration cooled HPT blades, and a dual-channel FADEC. The HTF7000 is available with a full nacelle and thrust reverser.

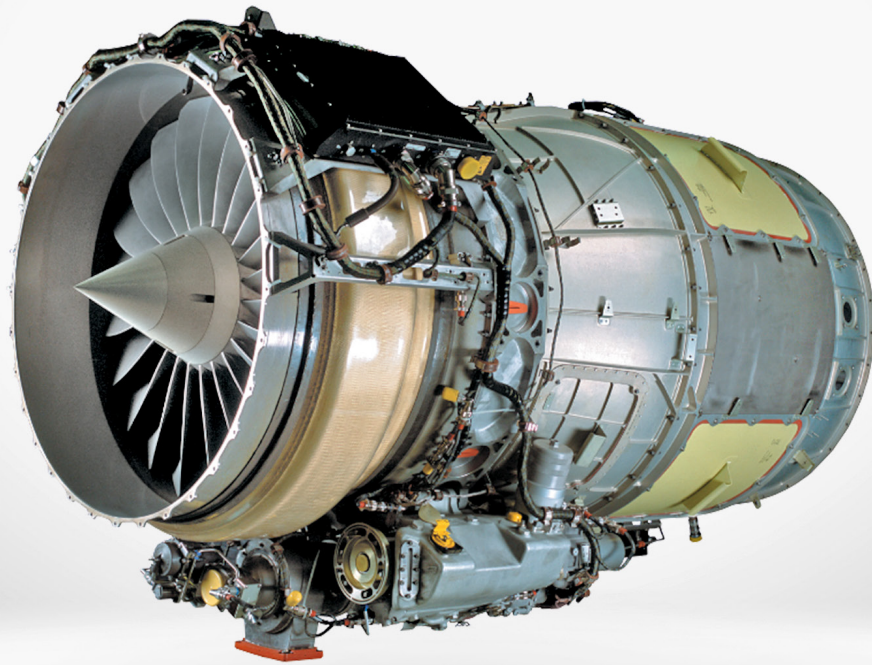
Enhanced Maintainability

The HTF7000 incorporates many time and cost-saving maintenance features. Individual LRUs can be replaced on average in 20 minutes or less with no shimming, rigging or adjusting using standard hand tools with nothing more than an idle power leak check. QEC engine changes can be accomplished in three hours with two technicians. Using MSG-3 protocol and 39 strategically placed borescope ports for 360-degree visibility to all gas path components, the HTF7000 is a true "on-condition" engine.

KEY HTF7000 ENGINE BENEFITS:

- Enhanced Dispatchability
- Improved Fuel Efficiency
- Lower Cost of Maintenance
- Reduced Noise Signature
- World-Class Reliability
- Excellent Durability





WORLD-CLASS CUSTOMER SERVICE AND SUPPORT

Honeywell's global support network includes more than 40 service centers trained to maintain the HTF7000. Available MSP programs provide predictable engine maintenance costs and improved dispatch reliability vs. non-MSP operators on-line service resources for parts, warranty, and technical manuals and Engine Health Monitoring on MyAerospace.com. Honeywell supports both your HTF7000 and your aircraft operational requirements whenever and wherever you need it.

Development Capability

We apply our 50 years of propulsion systems experience and industry-leading engine integration expertise

to the ongoing development of new engine systems, technology upgrades and product enhancements.

Dedicated Resources

Focused organization that understands the propulsion needs and requirements of aircraft operators with over 65,000 fielded propulsion engines and more than 241 million service hours.

Operational Performance

With our Six Sigma methodology and ongoing technological investments, Honeywell delivers optimal value and peak performance.

Advanced Technologies

We use the newest processes, materials and concepts to create propulsion system solutions with high

reliability, improved performance, and cost-effective operation.

Global Network

Worldwide resources that span the Americas, Europe, Middle East, Africa, Asia and the South Pacific, providing 24/7/365 support with a full range of maintenance, repair, overhaul and customer service capabilities.

HTF7500E ENGINE SPECIFICATIONS

Thrust:	6500-7500 lbf (pounds force)
Flat Rating:	ISA +15°C (86°F)
Fan Diameter:	34.2 in
Dry Weight:	618.7 kg (1364 lbs)
Bypass ratio:	4.2

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell