

**Honeywell**

## **T55 TURBOSHAFT ENGINE**

Continuous improvement of  
a battlefield proven engine



## A World of Experience

The Honeywell upgraded T55 propulsion engine offers helicopter pilots a reliable, time-tested engine that requires less maintenance due to a simple, rugged design created to withstand harsh environments.

When you're looking for proven power, reliability and durability in the latest engine technology, look no further than our upgraded T55. The great T55 tradition continues with our -714 series, meeting the customer's requirements through technology infusion with the introduction into service of the T55-GA-714A U.S. Army upgrade program and the 55-L-714A new production or upgrade kits for international customers.

Upgrade kits are currently available from Honeywell for the T55 series of engines that will update the engine to the latest technology standard. This upgrade provides a 22% increase in power, a 7% reduction in Specific Fuel Consumption (SFC) and a significant improvement in reliability and maintainability, all resulting in a 25% reduction in operation and support costs.

The time between overhauls has increased to 3,000 hours, with the future goal of on-condition maintenance.

## Honeywell's Approach: Derivative power growth and improvement incorporating proven technology

### Leadership

Honeywell has delivered more than 5,300 T55 propulsion engines since 1961. The T55 fleet has accumulated more than seven million hours of operation around the globe, powering helicopters in military operations since the 1960s. The Honeywell T55 engines power the U.S. Army's Chinook Helicopters and are in use by the U.K. Royal Air Force (RAF), the Royal Netherlands Air Force, and other fleets worldwide.

Our next generation 55-L-71X engine series provides customers the flexibility of even more power with improved SFC.

### A Full Range of Turbine Services

Logistics planning

Technical training, publications and support

Spare parts provisioning

Warranty

### Commercial Overhaul and Repair Services

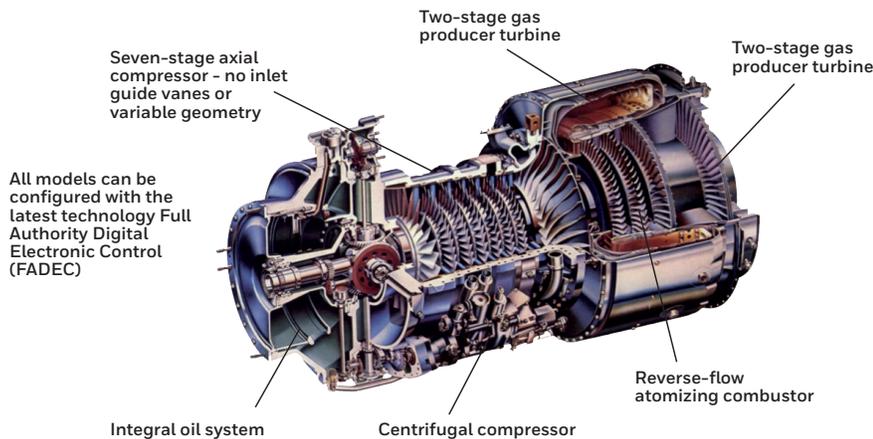
Component overhaul and repair

Engine overhaul and repair

Conversion programs

### Overhaul and Repair Facility

Honeywell  
Greer Repair  
& Overhaul  
85 Beeco Road  
Greer  
SC 29650  
US



SEA LEVEL 59°F		
Rating	Power	SFC
Contingency	5,069	0.496
Maximum	4,867	0.493
Intermediate	4,527	0.491
Max Continuous	4,168	0.494

4,000 FT/95°F		
Rating	Power	SFC
Contingency	4,000	0.503
Maximum	3,750	0.505
Intermediate	3,350	0.512
Max Continuous	3,000	0.524

PHYSICAL CHARACTERISTICS	
Length	47.1 in *
Diameter	24.25 in
Dry Weight	55-L-714A: 830 lb

### Honeywell Aerospace

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