

HONEYWELL T55 **TURBOSHAFT** **ENGINE**

Continuous improvement of a battlefield-proven engine



Honeywell

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.

HONEYWELL'S APPROACH: DERIVATIVE POWER GROWTH AND IMPROVEMENT INCORPORATING PROVEN TECHNOLOGY

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 8% 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.

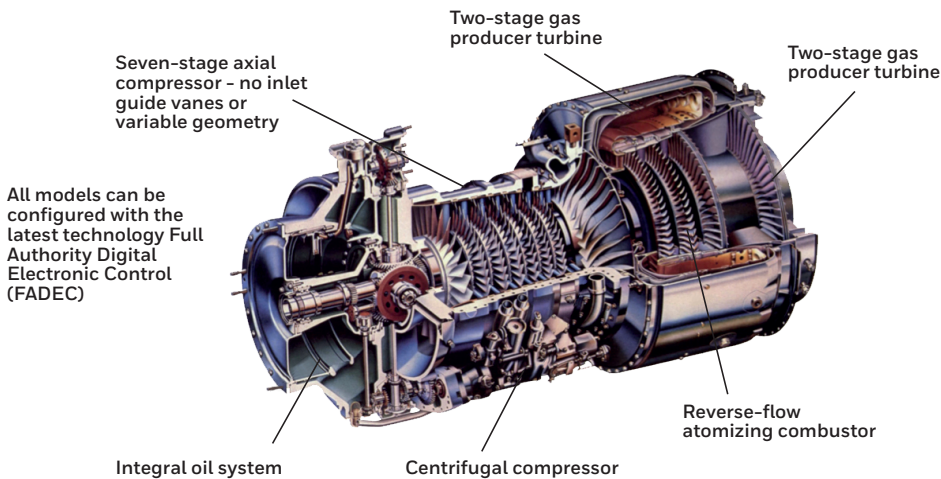
The time between overhauls has increased to 3,000 hours, with the future goal of on-condition maintenance.





LEADERSHIP

Honeywell has delivered more than 6000 T55 propulsion engines since 1961. The T55 fleet has accumulated more than ten 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.



All models can be configured with the latest technology Full Authority Digital Electronic Control (FADEC)

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

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

Honeywell Aerospace

1944 East Sky Harbor Circle
Phoenix, Arizona 85034
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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell