

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

CH-47 upgrade takes legendary engine to new heights



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 the introduction of the T55-GA(L)-714C available as a new production engine or upgrade kit.

Available in 2024, the 714C upgrade provides a 20% increase in power, an 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.

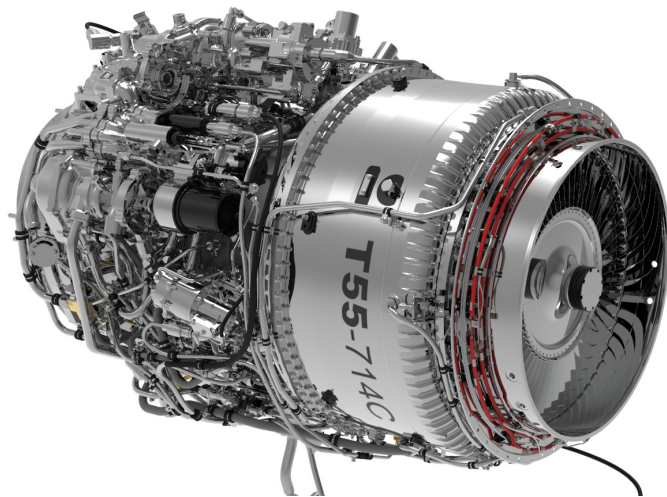
The time between overhauls has increased to 3,000 hours, with the future goal of 100% on-condition maintenance in the T55 family's technology roadmap.





LEADERSHIP

Honeywell has delivered more than 6,000 T55 propulsion engines since 1961. The T55 fleet has accumulated more than twelve 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.



| Rating | Engine Type | Market | Length (inch/cm) | Height (inch/cm) | Engine Shaft Horsepower Class | Output Shaft Speed (RPM) |
|-------------|-------------|-------------------------------------|------------------|------------------|-------------------------------|--------------------------|
| T55-GA-714A | Turboshaft | Military Helicopters | 47.1/119.6 | 24.3/61.6 | 5,000 | 15066 |
| T55-GA-714C | Turboshaft | Military Helicopters | 47 | 33 | 6,000 | 15066 |
| T55-L-714A | Turboshaft | Commercial and Military Helicopters | 47.1/119.6 | 24.3/61.6 | 5,000 | 15066 |
| T55-L-714C | Turboshaft | Commercial and Military Helicopters | 47 | 33 | 6,000 | 15066 |

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 Phoenix Repair & Overhaul Center of Excellence
 1944 E Sky Harbor Cir N
 Phoenix, AZ 85034
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N61-1492-000-005 | 04/23
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WF 1702220

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

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