



T55 Turboshaft Engine

Continuing
the tradition
through constant
improvement

AEROSPACE



A World of Experience

When you're looking for proven power, reliability and durability in the latest engine technology, look no further than Honeywell's T55. Honeywell Engines & Systems continues the great T55 tradition 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 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 3000 hours, with the goal of going to on-condition maintenance in the future.

Our next generation 55-L-71X engines will offer customers the flexibility of even more power with improved SFC.

Honeywell's Approach: Derivative growth through proven technology

Seven-stage axial compressor — no inlet guide vanes or variable geometry

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

Reverse-flow atomizing combustor

Two-stage free power turbine

Integral oil system

Centrifugal compressor

Two-stage gas producer turbine

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/1,196.3 mm*
- **Diameter:** 24.25 in/615.9 mm
- **Dry Weight:** 55-L-714A: 830 lb/377 kg

*without tailpipe

A Full Range of Turbine Services

- **Logistics planning**
- **Training**
- **Publications**
- **Technical expertise**
- **Spare parts provisioning**
- **Warranty**

Overhaul and Repair Services

- **Component overhaul and repair**
- **Engine overhaul and repair**
- **Conversion programs**

Overhaul and Repair Facility

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85 Beeco Road
Greer, SC 29652-0887, USA
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Honeywell

The unlimited
partnership