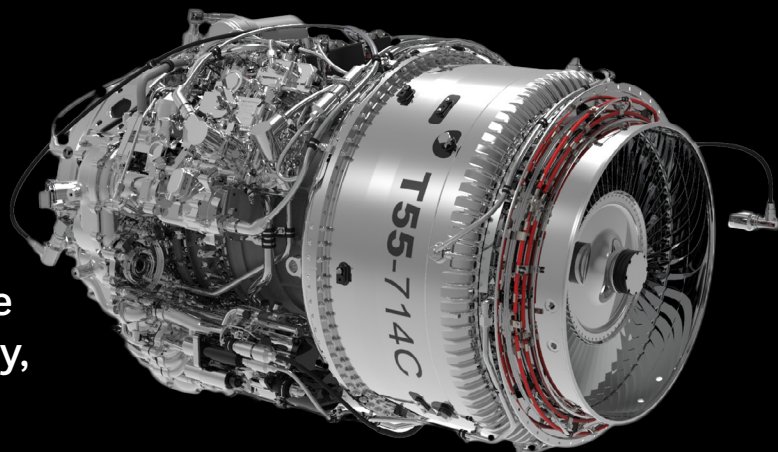


READY TO TAKE ON ANYTHING, ANYWHERE, ALWAYS

T55-GA-714C Engine Upgrade

With 20% more power than the current variant, Honeywell's next-gen T55-GA-714C delivers significantly improved performance capabilities with increased reliability, maintainability, power, efficiency, and durability.



THE T55-GA-714C DELIVERS SIGNIFICANT IMPROVEMENTS IN ALL KEY PERFORMANCE INDICATORS



RELIABILITY

25% overall improvement in reliability, with a robust compressor that lasts 40% longer

25%
OVERALL
IMPROVEMENT



EFFICIENCY

The 6,000-horsepower class engine is 20% more powerful and consumes 8% less fuel than the current T55

6,000 HP
8% LESS FUEL



MAINTAINABILITY

28% decreased repair time via reduced part count and repositioned HMA

28%
DECREASED
REPAIR TIME



OPERATING RANGE

With 118% increase in range the engine doubles the operating range for high, hot, and heavy missions at max payload

118%
INCREASED
RANGE



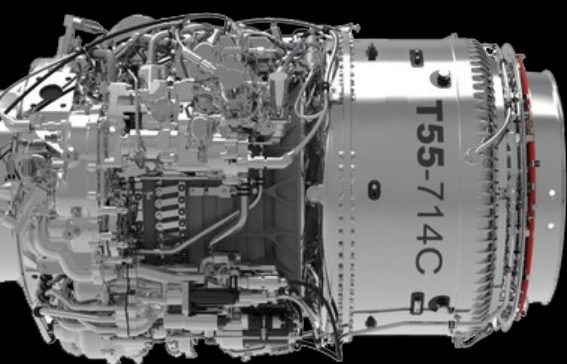
T55-GA-714C TURBOSHAFT ENGINE

A helicopter as iconic as the CH-47 Chinook deserves engines that are as powerful and reliable as the legendary heavy-lift champion itself.

That's why generations of Honeywell engineers have made it their mission to continuously improve our T55 engines, a pair of which have been powering every Chinook since its first flight in 1961.

- **Increased Reliability,** maintainability, power, efficiency, durability
- **Drop-In Enhancement** for the T55-GA-714A with very minor aircraft modifications for deployment flexibility

- **Kit Easily Incorporated** during regular maintenance, repair, overhaul – or delivered as new production engine
- **Battle-tested Engine** comes equipped with high sand tolerance
- **Responsive to US Army Maintainer Feedback;** executing on lessons learned from current CH-47 engine
- **Affordable** 50% less cost than other engine upgrade options.



CH-47 LOAD CAPABILITY COMPARISON 4K/95F WITH EAPS AND IRSS INSTALLED

UPGRADE T55-GA-714C	CURRENT T55-GA-714A
FULL FUEL LOAD PAYLOAD RANGE	FULL FUEL LOAD PAYLOAD RANGE
6,900 LB 14,200 LB 120 NMI RADIUS	6,900 LB 11,000 LB 55 NMI RADIUS
5,920 ROUNDS	4,500 ROUNDS
1,951 LB SUPPLIES	1,484 LB SUPPLIES
33 ARMED PERSONNEL	25 ARMED PERSONNEL

