

T53 TURBOSHAFT ENGINE

A Legacy of Reliability



Honeywell

NorcaTec LLC.



Enhanced engine performance, reliability and efficiency provided increased payload and high capabilities for operators.

Better Capability

Today, the legacy of the T53 remains intact as a properly maintained engine that still meets the industry's most rigorous reliability standards.

With continuous improvements resulting in a 17-29% increase in payload capability, the engine also supports more modern airframes such as the manned and unmanned variants of the K-MAX® heavy-lift utility helicopter and the Eagle Single STC upgrade of the Bell 212.

T53 PERFORMANCE RATINGS (SHP, UNINSTALLED, MECHANICAL)		
RATING	SEA LEVEL ISA	4K/95°F
TAKEOFF	1800	1250
MAX. CONT.	1500	1000

Better Fuel Efficiency

The T53 provides 4-6% lower specific fuel consumption over the entire operating range which reduces helicopter operating expenses.

Feature	Value Incumbant
SFC	↑
Range Capability	↓
Power-to-Weight Ratio	↓
Annual Fuel Cost	↑
Engine Size	↑
Payload Capability	↓
Mission Capability	↓

■ Increased Value

■ Decreased Value

FLEET STATUS

19,000
ENGINES
PRODUCED

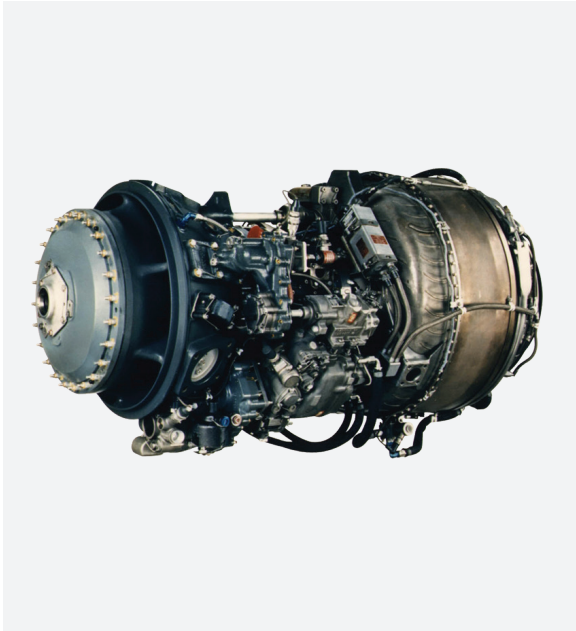
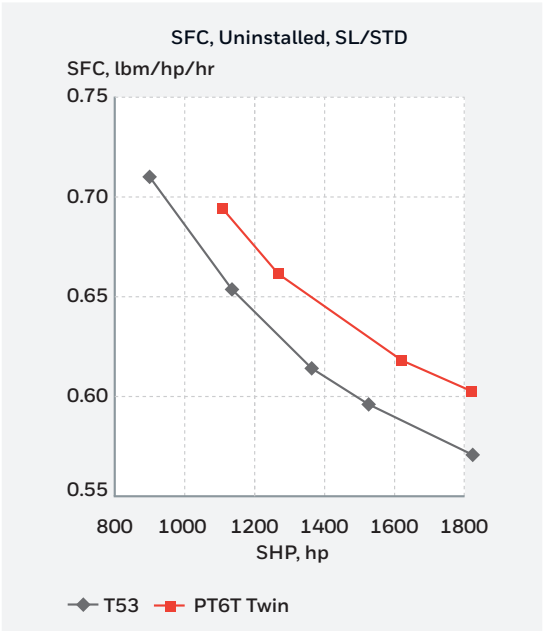
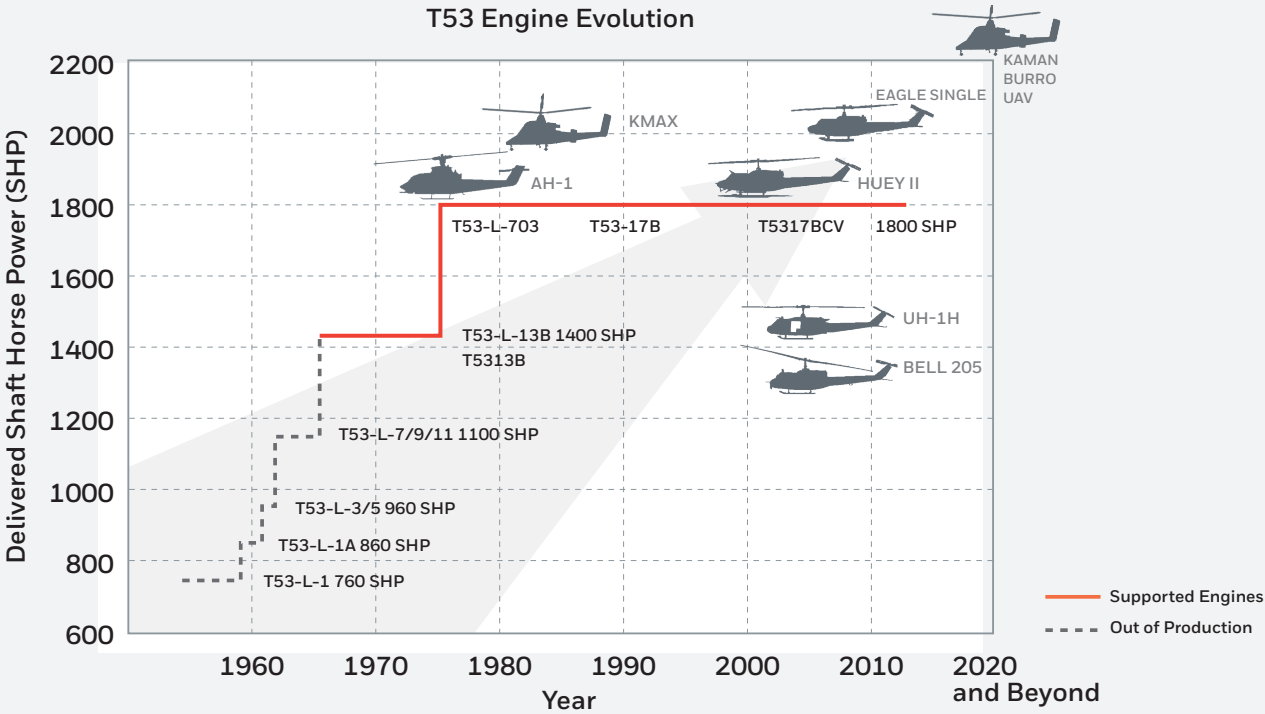
62,500,000
FLIGHT HOURS

NEARLY
3,000
ENGINES IN ACTIVE
OPERATION

MIGRATION FROM
MILITARY TO
RESTRICTED USE

200-300
FLIGHT HRS/YR
TYPICAL UTILIZATION

For over six decades the T53 engine has provided reliable service to agriculture, utility, firefighting, law enforcement and military customers around the world.



CONTACT SERVICE FACILITY FOR AUTHORIZED GEOGRAPHICAL AREA OF SUPPORT

T53 Support Facilities

AUTHORIZED DISTRIBUTORS

NorcaTec, LLC

100 Garden City Plaza
Garden City, NY 11530, USA

Contact: Tom Duncan
Phone: (516) 640-3124
Fax: (516) 222-8811
Email: duncan@norcatec.com

Product Lines:
T53 engine components
Territories/Regions:
Worldwide except Japan

AUTHORIZED COMPONENT REPAIR CENTERS

Airborne Engines

7762 Progress Way
Delta, B.C. Canada V4G 1A4

Contact: Richard Latham
Phone: (604) 244-1668
Fax: (604) 244-1787
Email:
rlatham@airborneengines.com

Cadorath Aerospace Inc

2070 Logan Avenue, Winnipeg,
Manitoba, Canada R2R 0H9

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Email:
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Global Turbine

Component Technologies
125 S. Satellite Rd.
South Windsor, CT 06074, USA

Contact: Mike Brouillette
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Nebraska Gas Turbine Inc

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T53 AUTHORIZED SERVICE CENTERS

Air Technology Engines

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