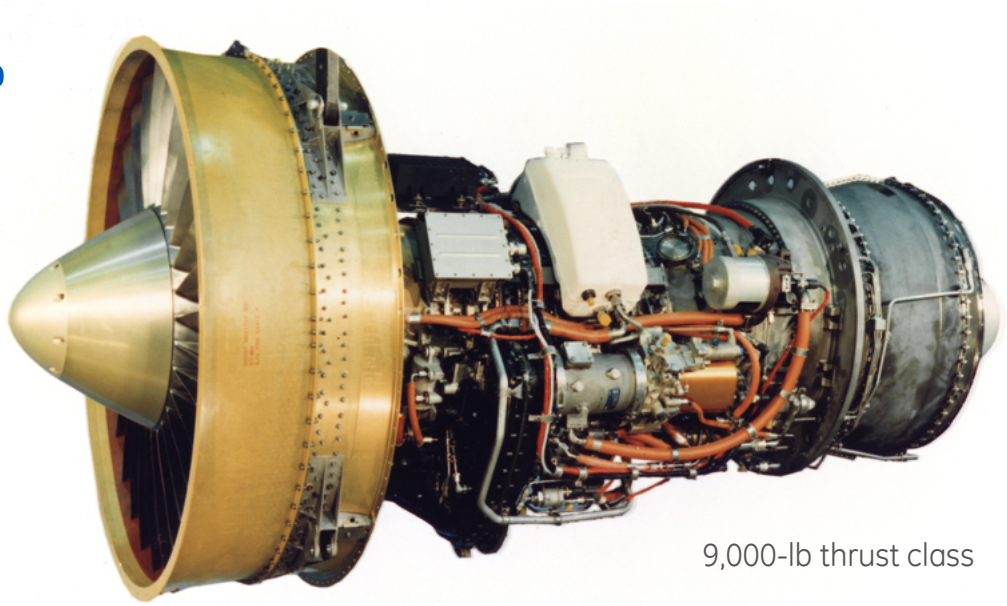
www.ge.com/aviation

TF34

turbofan engines



9,000-lb thrust class

The **TF34**, a 9,000-lb. thrust class high bypass military turbofan engine, delivers the highest thrust-to-weight ratio, the lowest specific fuel consumption and the quietest operation in its class.

TF34 variants power the Fairchild Republic A-10 for the U.S. Air Force and the Lockheed S-3 aircraft for the U.S. Navy. In more than 30 years of service with the U.S. Air Force and U.S. Navy, TF34 operation has been characterized by low operating costs, high reliability and low maintenance man hours. Since entering service in the 1970s, 2,100 TF34 engines have accumulated a total of more than 13 million engine flight hours spanning combat and peace time missions.

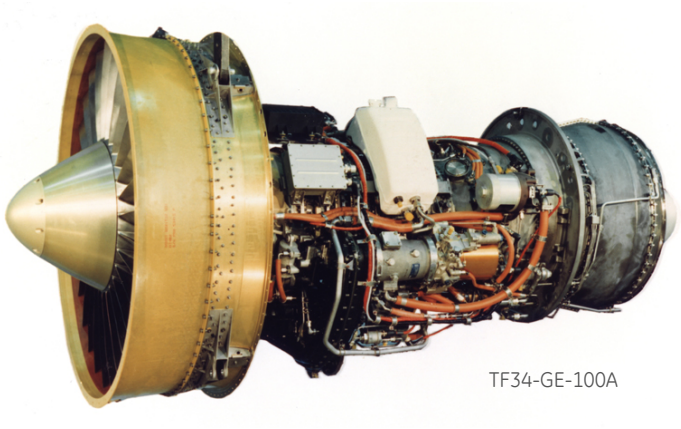
TF34-GE-100 engines originally entered service in 1976 and were equipped with hot section improvements in the 1980s. More than 800 TF34-GE-100A engines are in service, and GE actively supports this fleet by providing spare parts, factory engineering assistance and field service technical representative coverage.

Quick engine facts
Applications: A-10, S-3A
Introduction: 1971
Thrust range: 9,065-9,275 lbs

TF34 turbofan engine

Applications

Fairchild Republic A-10 Thunderbolt II



TF34-GE-100A

Performance Specifications (Sea level/standard day)

TF34	**-100A**
Thrust	9,065 lb
Length	100 in
Maximum diameter	49 in
Dry weight	1,440 lb
Pressure ratio	21:1
Specific fuel consumption	0.371

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