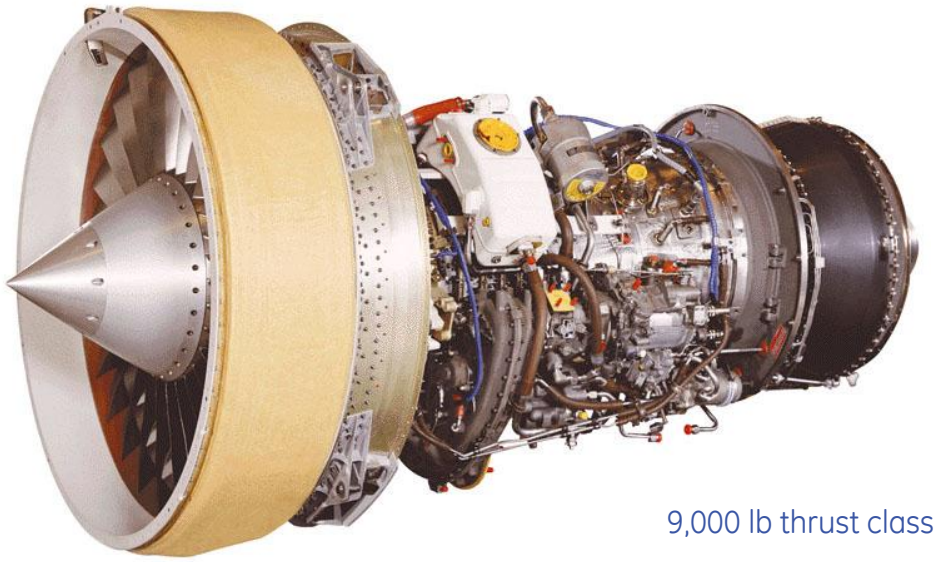
GE Aviation

The CF34® family of engines incorporates a unique combination of military and commercial airline experience and technology. The resulting in-service performance has been proven to meet the dependability and value demands of both corporate and regional airline customers worldwide. Since its service entry in 1983, CF34 engines have earned an industry-leading reputation as one of the cleanest and most fuel-efficient engines in its class.

To operators of the 50-passenger Bombardier* CRJ200* Series airliner, CF34 engine performance provides economy and excellent reliability for high utilization operations comparable to large commercial turbofan engines powering narrowbody airliners.

For corporate operators of the Bombardier Challenger* 604, 605 and 850, CF34 engine performance delivers high aircraft availability, increased travel comfort and confident intercontinental range.

CF34-3 turbofan engine



9,000 lb thrust class

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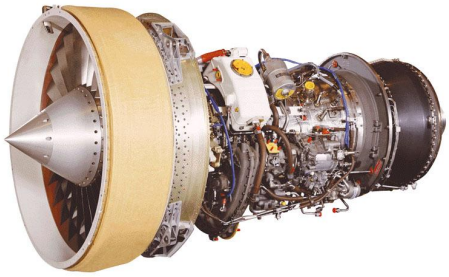
CF34-3 turbofan engine

Applications

Bombardier Challenger 605

Bombardier Challenger 850

Bombardier CRJ200



Performance Specifications

	-3B	-3B1
Takeoff thrust	8,729 lb††	8,729 lb†
Takeoff thrust with APR††	9,220 lb	9,220 lb
Bypass ratio	6.2:1	6.2:1
Thrust/weight ratio	5.52:1	5.52:1
Compressor ratio	14:1	14:1
Fan diameter	44 in	44 in
Maximum diameter	49 in	49 in
Length	103 in	103 in
Weight	1,670 lb	1,670 lb
Specific fuel consumption 37K/0.74 Mn max cruise	.69	.69

†Flat-rated to 73ºF.
††Uninstalled. Sea level flat-rated to 86ºF/30ºC.

Milestones

Engine/model certification	-1A	August 1982
	-3A	September 1986
	-3A1	July 1991
	-3B/-3B1	May 1995
Challenger 601 first flight		September 1992
Corporate service		May 1983
Bombardier CRJ200 airliner first flight		May 1991
Airline service		October 1992
Challenger 604 first flight		March 1995
Challenger 605 entry into service		June 2007

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GE Aviation
One Neumann Way
Cincinnati, Ohio 45215 U.S.A.
Phone: 513-552-3272 (internationally)
877-432-3272 (within U.S.)

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