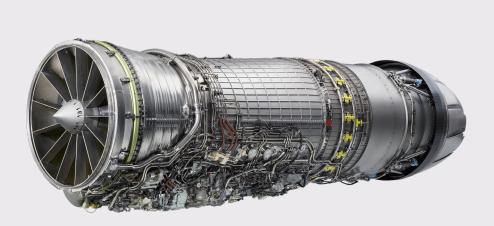


F110

Turbofan engine family





F110-GE-129

The engine of choice for frontline fighters around the world

Today's F110 engine offers maximum mission capability for the latest generation of F-16 and F-15 Advanced aircraft. The latest F110 models, the -129 and -132 engines, feature technology upgrades including Service Life Extension Program (SLEP) hardware and a 6,000 total accumulated cycle (TAC) capability that significantly increase engine availability and reduce life-cycle costs. GE's F110 has also demonstrated world-class durability in hot and harsh environments through significant improvements in engine hot section hardware.

The F110 family powers 70% of today's U.S. Air force F-16C/D combat aircraft and is the choice of allied air forces around the world. It was recently selected to power the F-15 and F-16 aircraft of Saudi Arabia, Singapore, Qatar, and Taiwan. F110-GE-129 is currently the only engine qualified to power the fly-by-wire F-15 Advanced Eagle, offering future power and performance growth capability for emerging aircraft.



Applications







Boeing F-15 Eagle



Lockheed Martin F-16E/F Fighting Falcon

Performance specifications

	English		SI	
F110	-129	-132	-129	-132
Thrust class	29,000 lb	32,500 lb	129 kN	142 kN
Length	182.3 in.	185.3 in.	4.6 m	4.7 m
Airflow	270 lb/sec	275 lb/sec	122.4 kg/sec	124.7 kg/
Maximum diameter	46.5 in	46.5 in	1.2 m	1.2 m
Bypass ratio	.76	.68	.76	.68



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