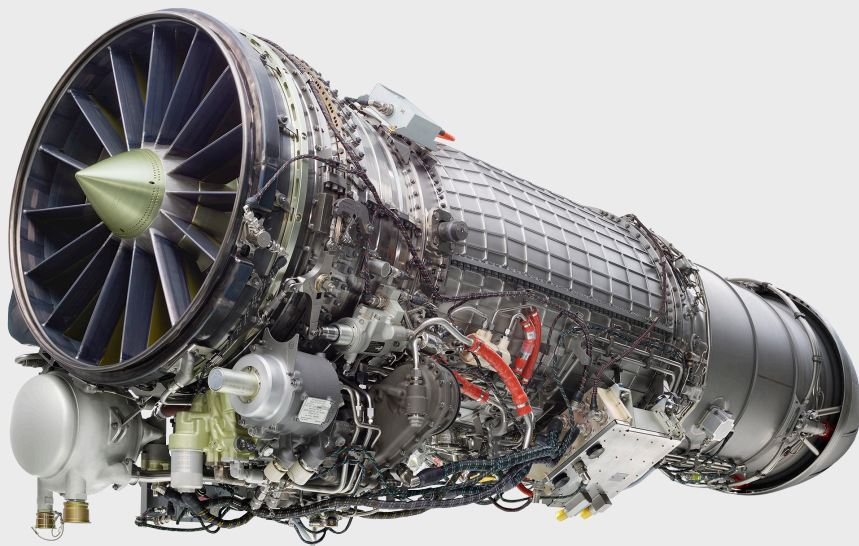




F404

Turbofan engine family



A versatile engine for front line fighters and trainers around the globe

The F404 family of engines powers a broad spectrum of aircraft with missions ranging from low-level subsonic attack to high-altitude interception. The first version of the F404 was developed to power the Boeing F/A-18 Hornet, and non-afterburning derivatives powered the F-117A Stealth Fighter and the Singapore A4-SU Super Skyhawk.

Developed for the Boeing T-7A Red Hawk advanced trainer, the F404-GE-103 is the latest derivative of the F404 family. It includes single-engine safety features and a Full Authority Digital Electronic Control (FADEC) derived from GE's F414 engine.

The F404-GE-402 provides higher power, improved fuel efficiency and increased mission capability for the combat-proven Boeing F/A-18C/D Hornet. Advanced technology and materials applied to the turbine and afterburner sections result in increased performance while maintaining the F404's characteristic durability.

The F404-GE-102 is a derivative developed for the Korean KAI/LMTAS T-50 advanced trainer/light fighter. The engine is supplied by ROKAF by Samsung Tech-

win under a licensed production program with GE.

The F404/RM12 is a derivative developed in conjunction with Volvo Aero Corp. to power the Saab Gripen, a multi-role fighter, attack and reconnaissance aircraft. This model also includes single-engine safety features and a FADEC.

The F404-GE-IN20 engine is an enhanced production version of the F404, which is successfully powering India's Light Combat Aircraft MKI. The highest thrust variant of the F404 family, the F404-GE-IN20 incorporates GE's latest hot section materials and technologies, as well as a FADEC for reliable power and outstanding operational characteristics.



Applications



Boeing F/A-18C/D Hornet



Boeing T-7A Red Hawk



KAI/LMTAS T-50 Golden Eagle



HAL Tejas MKI Light Combat Aircraft



Saab Gripen

Performance Specifications (Sea level/standard day)

English

SI

	F404	-102/103/402	-IN20	RM12	-102/103/402	-IN20	RM12
Thrust class		17,700 lb	19,000 lb	18,100 lb	78.7 kN	84 kN	80.5 kN
Length		154 in	154 in	154 in	391 cm	391 cm	391 cm
Airflow		146 lb/sec	153 lb/sec	152 lb/sec	66 kg/sec	70 kg/sec	69 kg/sec
Maximum diameter		35 in	35 in	35 in	89 cm	89 cm	89 cm
Inlet diameter		28 in	28 in	28 in	71 cm	71 cm	71 cm
Pressure ratio		26:1	28:1	27:1	26:1	28:1	27:1
Weight		2,282 lb	2,365 lb	2,325 lb	1,035 kg	1,072 kg	1,054 kg



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