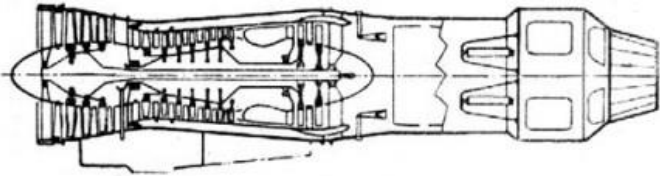


General Electric YJ101



YJ101	
Type	Turbofan
National origin	United States
Manufacturer	General Electric Aircraft Engines
First run	1978
Major applications	Northrop YF-17
Developed into	General Electric F404

The **General Electric YJ101** was an afterburning turbofan engines in the 15,000 lbf class (static thrust). Developed for the Northrop YF-17 entry in the Lightweight Fighter (LWF) competition, the YJ101 formed the basis for General Electric's highly successful F404 engine.

Applications

- Northrop YF-17

Specifications (YJ101)

General characteristics

- **Type:** Turbofan
- **Length:** 3.530m
- **Diameter:** 829mm
- **Dry weight:** 820kg

Components

- **Compressor:** axial

- **Combustors:** annular

Performance

- **Maximum power output:**
- **Power-to-weight ratio:**
- **Thrust, dry:** 6800kg
- **Thrust, A/B:** 4300kg
- **SFC:** 0.78 (dry), 1.88 (A/B)
- **Pressure ratio:** 21
- **Mass flow:** 56kg/s