

# F100

MILITARY ENGINES

# F100-PW-229



**Engine of Choice  
For Today's F-15, F-16,  
New Fighter and Unmanned Platforms**

[PRATTWHITNEY.COM](http://PRATTWHITNEY.COM)



# F100

## MILITARY ENGINES

### The Engine of Choice

For Today's F-15, F-16, New Fighter and Unmanned Platforms

With over 30 million flight hours, more than any other 4th generation fighter engine, and flown by 23 air forces, the F100 is the most trusted and experienced propulsion solution in the world. It provides industry-leading reliability and safety. The warfighter knows that the F100 engine will perform and allow them to complete their mission and return home safely every time. The F100 offers overall superior capability, and with predictable performance, it truly is a pilot's engine. It is undefeated in combat with 165-0 Air-to-Air Combat Record for F100 powered F-15s and F-16s. Pratt & Whitney is committed to continuing to provide the best overall performance and value in a 4th generation fighter engine with F100 engines coming off our production line as we fill a strong backlog of new engine orders.

### WHY DO MORE AIR FORCES CHOOSE THE F100 ENGINE?



#### DEPENDABLE

23 Air Forces Around the World Use the F100 More Than Any Other Competitor



#### EXCELLENT VALUE

Low Cost Per Flight Hour and Lowest Life Cycle Costs Provides Excellent Value to Our Customers



#### SUSTAINMENT INFRASTRUCTURE

Support Systems Already in Place At F-16 and F-15 Bases Around the World



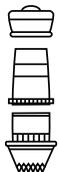
#### RELIABILITY & SAFETY

An Industry Leader in Fighter Engine Reliability & Safety



#### EXPERIENCE MATTERS

30+ Million Flight Hours, More Than 3X Nearest Competitor



#### READINESS

Fully Modular Design  
97% Of Maintenance Tasks Performed at Base Level



#### TECHNOLOGICAL EDGE

ONLY 4th Generation Engine Offering Operationally Proven 5th Generation Technologies

### F100-PW-229 PRODUCTION ENGINE SPECIFICATIONS



ENGINE SPECS	F100-PW-229
Thrust Class	29,000+ lbs (129.7 kN)
Weight (specification maximum)	3,826 lbs (1,735 kg)
Length	191 in (4.85 m)
Inlet Diameter	34.8 in (0.88 m)
Maximum Diameter	46.5 in (1.18 m)
Airflow	248 lb/sec
Bypass Ratio	0.36:1