



**PBS AEROSPACE**

**PBS TJ200**

**NEW TURBOJET ENGINE**

For advanced UAV and UCAV systems



AEROSPACE • INVESTMENT CASTING • CRYOGENICS • SURFACE TREATMENT

# THE MOST POWERFUL PBS ENGINE

Currently in the final stage of development, the PBS TJ200 turbojet engine is primarily intended to power UAV and UCAV systems as well as advanced missiles.

It is a compact engine of a simple design and small

frontal diameter, fuel lubricated, equipped with a BLDC starter-generator, electric metering fuel pump and FADEC-type electronic control system. The TJ200 will be the most powerful engine in the own turbojet engine PBS family.



## TECHNICAL PARAMETERS

TECHNICAL PARAMETERS	METRIC	IMPERIAL
Thrust	2,280 N	512.54 lbf
Power supply	28 V DC	28 V DC
Electrical power output	4.0 kW	4.0 kW

\*Excluding insulation and equipment

DIMENSIONS AND WEIGHT	METRIC	IMPERIAL
Outer diameter*	246 mm	9.68 in
Length (including exhaust nozzle)	730 mm	28.74 in
Weight	28.0 kg	61.73 lb

## MAIN FEATURES

- › Compact design
- › Excellent thrust-to-weight ratio
- › Built-in starter-generator

- › Full authority digital engine control (FADEC)
- › Small frontal diameter
- › Pyro igniter (optional)

## WHY PBS?

- › 50+ years of experience in engine development and production
- › EASA certified producer (DOA, POA, MOA)

- › Complex and flexible customer support
- › TIER 1 supplier, 90% in-house production



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