



# AI-PBS-350 TURBOJET ENGINE



AEROSPACE • INVESTMENT CASTING • CRYOGENICS • SURFACE TREATMENT

# TURBOJET ENGINE FOR DEFENCE SYSTEMS

The AI-PBS-350, a joint project between Ivchenko-Progress SE and PBS, is the latest engine in its thrust class. It is specifically optimised for use in single mission UAV systems. It is a compact engine with a four-stage axial compressor and a single-stage axial turbine.

The AI-PBS-350 is becoming the most powerful engine produced by PBS, Czech Republic, EU, a trusted supplier of aerospace products.



## TECHNICAL PARAMETERS

TECHNICAL PARAMETERS	METRIC	IMPERIAL
Thrust	3,400 N	764.35 lbf
Specific fuel consumption	0.12 kg/N/h	1.18 lb/lbf/hr
Electrical power output	5.0 kW	5.0 kW

DIMENSIONS AND WEIGHT	METRIC	IMPERIAL
Length	706 mm	27.79 in
Outer diameter	298 mm	11.73 in
Weight	51.0 kg	112.43 lb

## MAIN FEATURES

- › Excellent thrust to weight ratio
- › From idle to max in less than 6 seconds
- › Windmill starting
- › Pyrotechnic ignition
- › Digital engine control unit
- › Fuel metering pump

## WHY PBS?

- › 50+ years of experience in engine development and production
- › EASA certified producer (DOA, POA, MOA)
- › TIER 1 supplier, 90 % in-house production
- › Reliable supplier of aerospace products based in the Czech Republic, EU

**PBS AEROSPACE Inc.**  
3400 Peachtree Rd. NE, Suite #939  
Atlanta, GA 30326, USA

info@pbsaerospace.com  
[www.pbsaerospace.com](http://www.pbsaerospace.com)



Zaporizhzhia Machine-Building Design Bureau Progress  
State Enterprise named after Academician O. H. Ivchenko  
2 Ivanova st., Zaporizhzhia, 69068, Ukraine