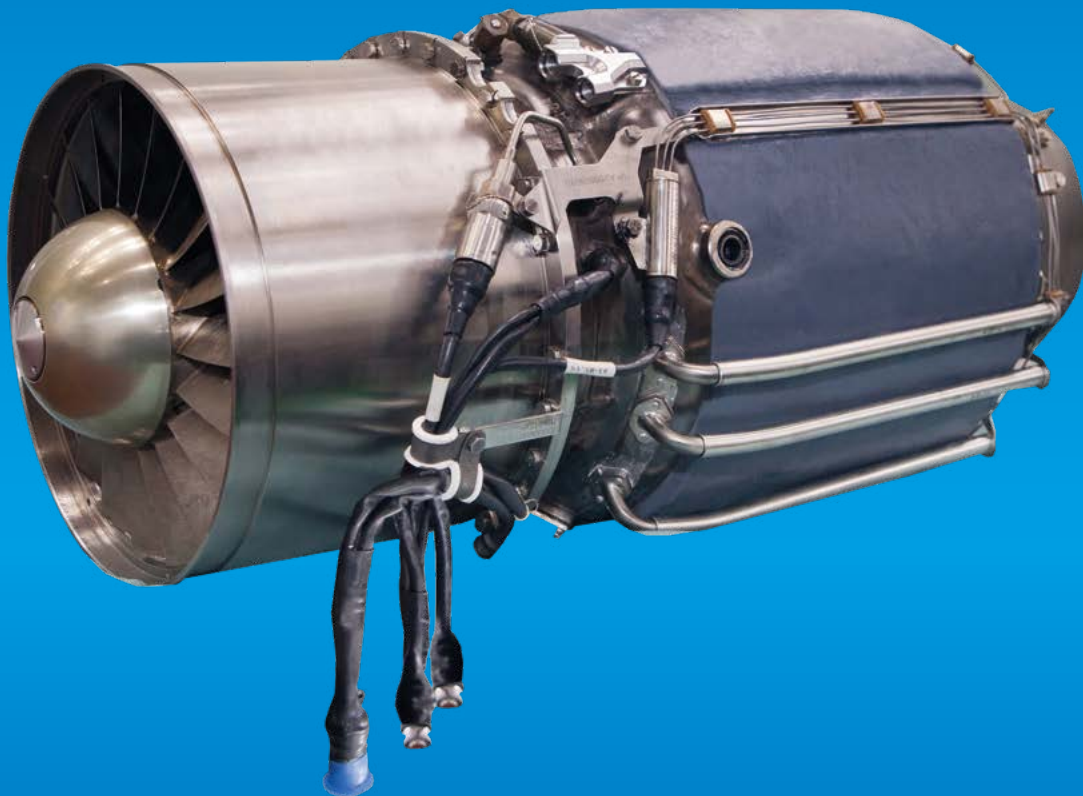




# AI-PBS-350 TURBOJET ENGINE



# 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



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