

# PBS TURBINE ENGINE PORTFOLIO

COMPLETE IN-HOUSE DESIGN & PRODUCTION

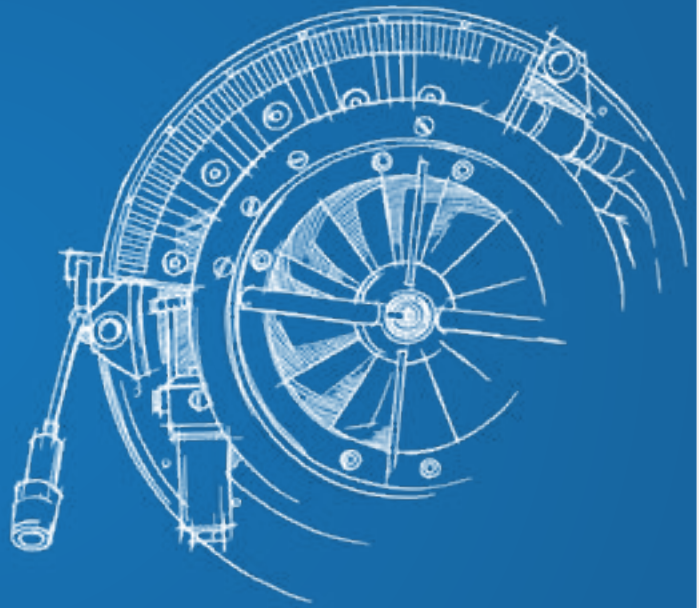


[pbs.cz](http://pbs.cz)

 **PBS GROUP**

## Who are we?

PBS GROUP is an international engineering company with over 200 years of heritage in precision manufacturing. We combine expertise across multiple industries through our subsidiaries, specializing in aerospace technology, precision casting, energy solutions, and cryogenic applications. Our comprehensive portfolio includes the development and manufacture of aircraft engines, auxiliary power units (APU), environmental control systems (ECS), and advanced cryogenic equipment.



## Why us?

Our excellence is validated through international certifications including ISO 9001, AS 9100, ISO 14001, and Nadcap. We are proud that our turbojet engines rank among the world's finest in their category, while our APUs and ECS systems serve thousands of aircraft globally. As a key player in both aerospace and cryogenic equipment, we deliver innovative solutions to leading manufacturers worldwide.

## Our business

- ▶ Aerospace
- ▶ Investment Casting
- ▶ Cryogenics
- ▶ Power Engineering
- ▶ Surface Treatment



## Customer Support and Services

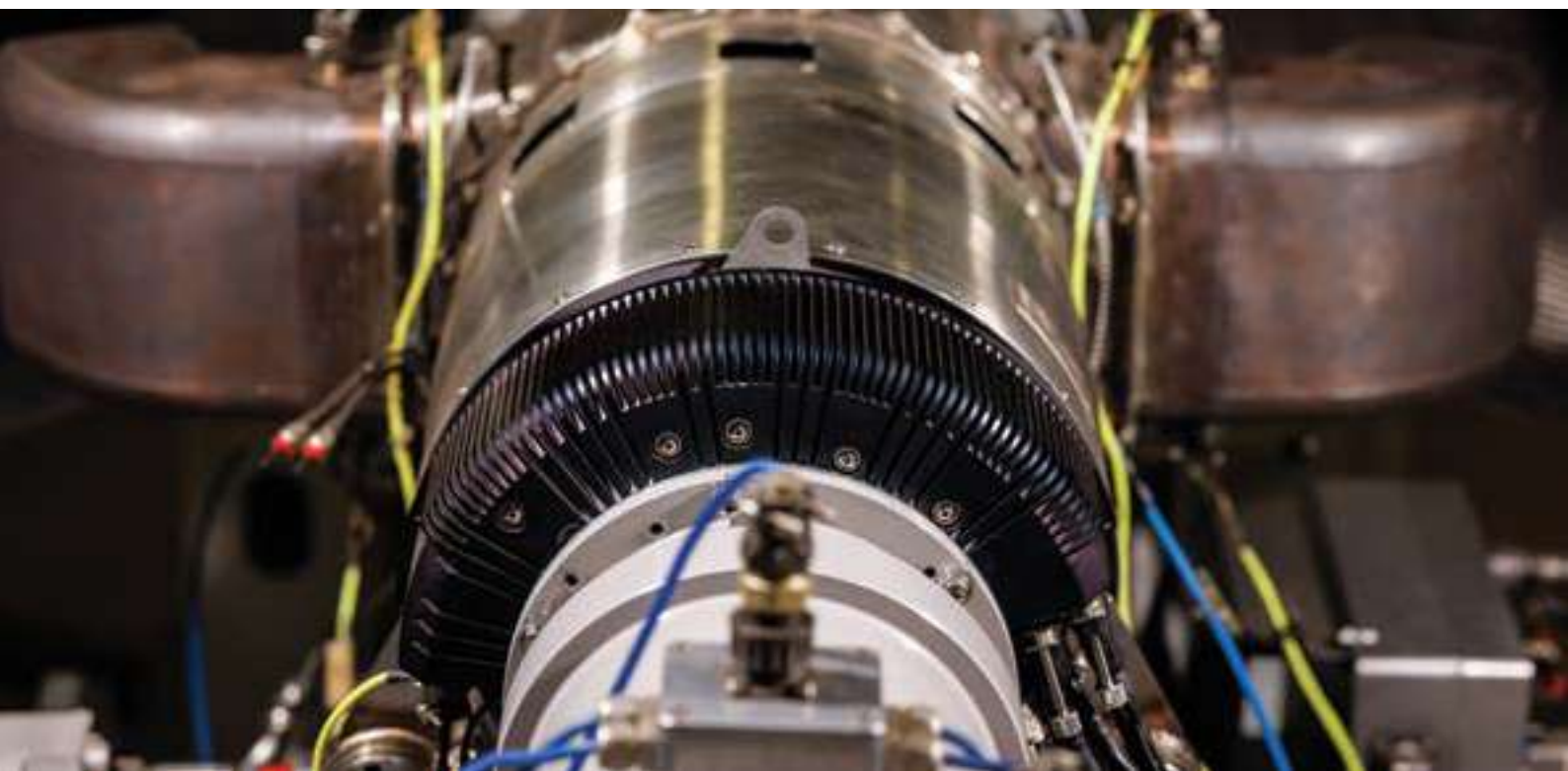
We offer a comprehensive range of customer support and services based on our extensive experience. Our technical support includes technician training programme, which can be held either at the PBS facility or at the customer's site.

We also provide detailed service and product documentation with regular updates, online technical support and on-site assistance to ensure seamless operation and customer satisfaction.

## One-Stop-Shop Company

We provide complete solutions through our extensive in-house capabilities. From initial design and R&D through to production and testing, we maintain control of 90% of our manufacturing processes. Our modern testing facilities, combined with customized solutions and flexible customer service, ensure comprehensive product lifecycle support. Through our subsidiaries, we offer integrated solutions that meet the highest standards of precision engineering and manufacturing excellence.

## Certification







## High-Quality Service Infrastructure and Technical Support for Our Customers

The development and production of UAV turbine engines at PBS is also supported by our own extensive in-house testing facility. More than 50 experienced flight test engineers and technicians have a total of 16 specialized testing cells at their disposal for comprehensive testing of turbine engines as well as auxiliary power units and environmental control systems.

### Test Capabilities

- › Turbojet engines with a thrust of up to 2,500 N
- › Flight speed simulations of up to 0.8 M
- › Testing with an air pressure of up to 1,200 kPa
- › Temperatures from -60 to 80 °C
- › G-force limit tests
- › Vibration and impact tests
- › Complete ATP and production testing

# PBS TJ200



MODIFICATION

## Technical Parameters

| PARAMETERS       | METRIC       | IMPERIAL        |
|------------------|--------------|-----------------|
| Thrust           | 2,280 N      | 512.54 lbf      |
| Power supply     | 28 V DC      | 28 V DC         |
| El. power output | 4.0 kW       | 4.0 kW          |
| SFC              | 0.130 kg/N/h | 1.275 lb/lbf/hr |
| TBO              | Up to 25 hrs | Up to 25 hrs    |

| DIMENSIONS      | METRIC  | IMPERIAL |
|-----------------|---------|----------|
| Outer diameter* | 246 mm  | 9.68 in  |
| Length          | 730 mm  | 28.74 in |
| Weight          | 28.0 kg | 61.73 lb |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 10,000 m   | 32,808 ft   |
| Max. speed          | 0.9 M      | 0.9 M       |
| Ambient temperature | -50/+45 °C | -58/+113 °F |

| STARTING ENVELOPE   | METRIC       | IMPERIAL     |
|---------------------|--------------|--------------|
| Max. altitude       | 6,000 m      | 19,685 ft    |
| Max. speed          | 0.4 to 0.6 M | 0.4 to 0.6 M |
| Ambient temperature | -35/+45 °C   | -31/+113 °F  |

\*Excluding insulation and equipment



APPLICATIONS



⇒ 2,280 N

📊 28.0 Kg

PBS TJ200



MODIFICATION



# PBS TJ150



## Technical Parameters

| PARAMETERS       | METRIC        | IMPERIAL        |
|------------------|---------------|-----------------|
| Thrust           | 1,500 N       | 337 lbf         |
| Power supply     | 28 V DC       | 28 V DC         |
| El. power output | 600 - 2,250 W | 600 - 2,250 W   |
| SFC              | 0.12 kg/N/h   | 1.138 lb/lbf/hr |
| TBO              | 25 - 50 hrs   | 25 - 50 hrs     |

| DIMENSIONS     | METRIC   | IMPERIAL |
|----------------|----------|----------|
| Outer diameter | 272 mm   | 10.71 in |
| Length         | 636 mm   | 25.04 in |
| Weight         | 18.10 kg | 39.90 lb |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 10,000 m   | 32,808 ft   |
| Max. speed          | 0.9 M      | 0.9 M       |
| Ambient temperature | -50/+45 °C | -58/+113 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 6,000 m    | 19.685 ft   |
| Max. speed          | 0.6 M      | 0.6 M       |
| Ambient temperature | -35/+45 °C | -31/+113 °F |



636 mm | 25.04 in

272 mm | 10.71 in



APPLICATIONS

PBS TJ150

→ 1,500 N

📊 18.10 Kg





# PBS TJ100



MODIFICATION

## Technical Parameters

| PARAMETERS       | METRIC          | IMPERIAL        |
|------------------|-----------------|-----------------|
| Thrust           | 1,100 - 1,250 N | 247 - 281 lbf   |
| Power supply     | 28 V DC         | 28 V DC         |
| El. power output | 700 - 2,300 W   | 700 - 2,300 W   |
| SFC              | 0.118 kg/N/h    | 1.157 lb/lbf/hr |
| TBO              | 25 - 300 hrs    | 25 - 300 hrs    |

| DIMENSIONS     | METRIC   | IMPERIAL |
|----------------|----------|----------|
| Outer diameter | 272 mm   | 10.71 in |
| Length         | 636 mm   | 25.04 in |
| Weight         | 17.60 kg | 38.80 lb |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 10,000 m   | 32,808 ft   |
| Max. speed          | 0.9 M      | 0.9 M       |
| Ambient temperature | -50/+45 °C | -58/+113 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 6,000 m    | 19,685 ft   |
| Max. speed          | 0.6 M      | 0.6 M       |
| Ambient temperature | -35/+45 °C | -31/+113 °F |



636 mm | 25.04 in

272 mm | 10.71 in



APPLICATIONS

PBS TJ100

⇒ 1,250 N

📊 17.60 Kg





# PBS TJ80-120



## Technical Parameters

| PARAMETERS       | METRIC        | IMPERIAL        |
|------------------|---------------|-----------------|
| Thrust           | 900 - 1,200 N | 202 - 269 lbf   |
| Power supply     | 28 V DC       | 28 V DC         |
| El. power output | 650 - 2,250 W | 650 - 2,250 W   |
| SFC              | 0.125 kg/N/h  | 1.226 lb/lbf/hr |
| TBO              | 25 hrs        | 25 hrs          |

| DIMENSIONS     | METRIC   | IMPERIAL |
|----------------|----------|----------|
| Outer diameter | 235 mm   | 9.25 in  |
| Length         | 512 mm   | 20.16 in |
| Weight         | 12.80 kg | 28.22 lb |

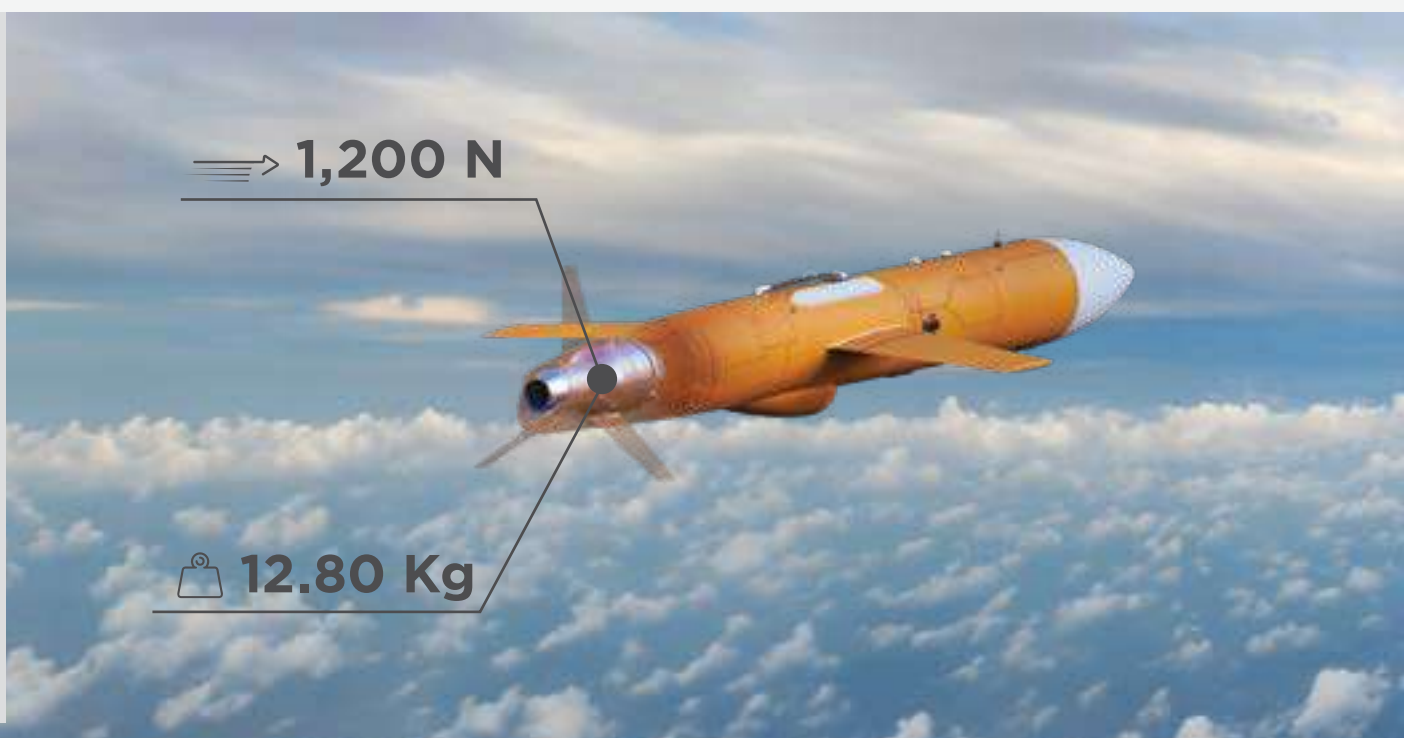
| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 10,000 m   | 32,808 ft   |
| Max. speed          | 0.9 M      | 0.9 M       |
| Ambient temperature | -50/+45 °C | -58/+113 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 6,000 m    | 19,685 ft   |
| Max. speed          | 0.6 M      | 0.6 M       |
| Ambient temperature | -35/+45 °C | -31/+113 °F |



APPLICATIONS

PBS TJ80-120





# PBS TJ40-G1



MODIFICATION

## Technical Parameters

| PARAMETERS       | METRIC       | IMPERIAL        |
|------------------|--------------|-----------------|
| Thrust           | 395 - 425 N  | 89 - 96 lbf     |
| Power supply     | 14 V DC      | 14 V DC         |
| El. power output | 150 W        | 150 W           |
| SFC              | 0.147 kg/N/h | 1.442 lb/lbf/hr |
| TBO              | 50 hrs       | 50 hrs          |

| DIMENSIONS     | METRIC  | IMPERIAL |
|----------------|---------|----------|
| Outer diameter | 147 mm  | 5.79 in  |
| Length         | 304 mm  | 11.97 in |
| Weight         | 3.40 kg | 7.50 lb  |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 9,000 m    | 29,528 ft   |
| Max. speed          | 0.8 M      | 0.8 M       |
| Ambient temperature | -50/+50 °C | -58/+122 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 4,500 m    | 14,764 ft   |
| Max. speed          | 0.35 M     | 0.35 M      |
| Ambient temperature | -40/+50 °C | -40/+122 °F |



APPLICATIONS

→ 425 N

3.40 Kg

PBS TJ40-G1



# PBS TJ40-G1NS



MODIFICATION



APPLICATIONS



## Technical Parameters

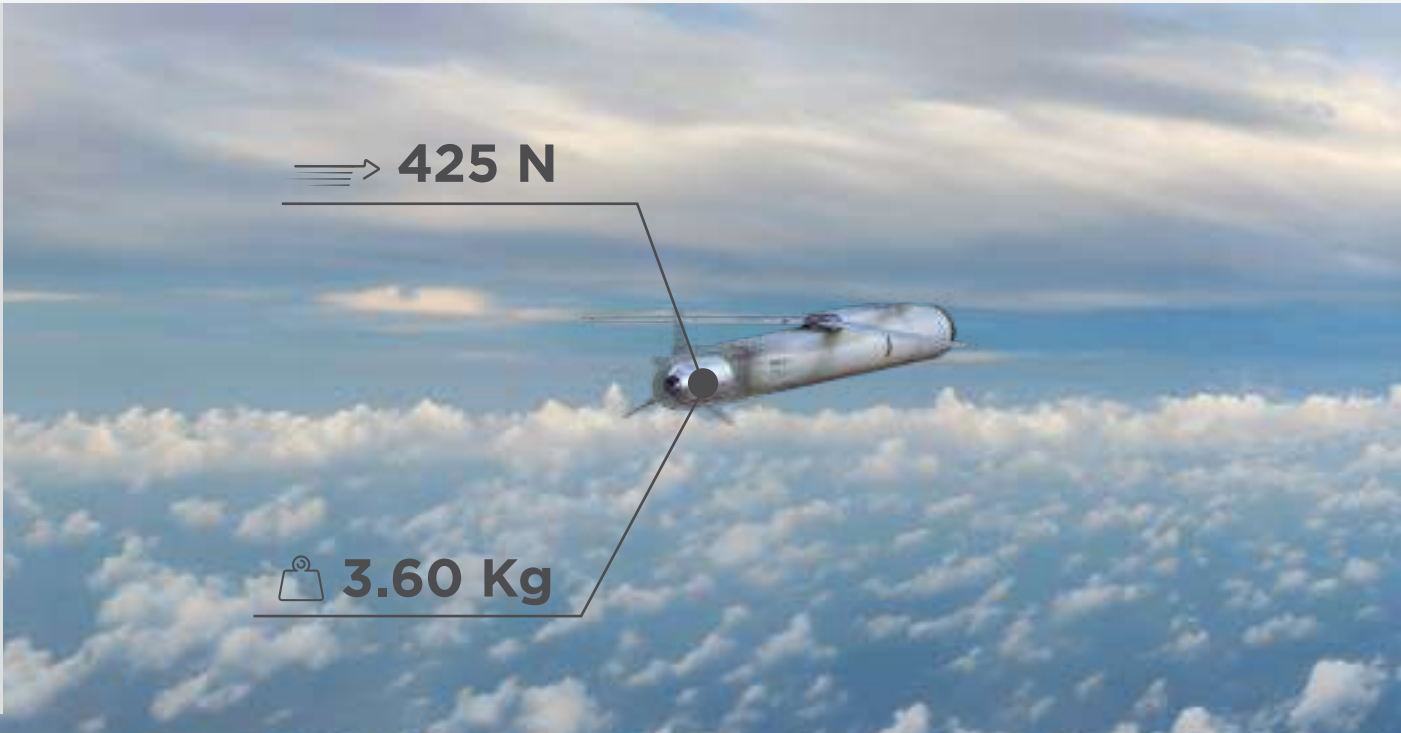
| PARAMETERS       | METRIC       | IMPERIAL        |
|------------------|--------------|-----------------|
| Thrust           | 395 - 425 N  | 89 - 96 lbf     |
| Power supply     | 14 V DC      | 14 V DC         |
| El. power output | 150 W        | 150 W           |
| SFC              | 0.147 kg/N/h | 1.442 lb/lbf/hr |
| TBO              | 30 hrs       | 30 hrs          |

| DIMENSIONS     | METRIC  | IMPERIAL |
|----------------|---------|----------|
| Outer diameter | 147 mm  | 5.79 in  |
| Length         | 304 mm  | 11.97 in |
| Weight         | 3.60 kg | 7.93 lb  |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 9,000 m    | 29,528 ft   |
| Max. speed          | 0.8 M      | 0.8 M       |
| Ambient temperature | -50/+50 °C | -58/+122 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 4,500 m    | 14,764 ft   |
| Max. speed          | 0.15 M     | 0.15 M      |
| Ambient temperature | -40/+50 °C | -40/+122 °F |

PBS TJ40-G1NS



→ 425 N

3.60 Kg

# PBS TJ40-G2



## Technical Parameters

| PARAMETERS       | METRIC       | IMPERIAL        |
|------------------|--------------|-----------------|
| Thrust           | 395 - 425 N  | 89 - 96 lbf     |
| Power supply     | 28 V DC      | 28 V DC         |
| El. power output | 300 - 1200 W | 300 - 1200 W    |
| SFC              | 0.147 kg/N/h | 1.442 lb/lbf/hr |
| TBO              | 50 hrs       | 50 hrs          |

| DIMENSIONS     | METRIC  | IMPERIAL |
|----------------|---------|----------|
| Outer diameter | 147 mm  | 5.79 in  |
| Length         | 373 mm  | 14.68 in |
| Weight         | 3.80 kg | 8.37 lb  |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 9,000 m    | 29,528 ft   |
| Max. speed          | 0.9 M      | 0.9 M       |
| Ambient temperature | -50/+50 °C | -58/+122 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 4,500 m    | 14,764 ft   |
| Max. speed          | 0.35 M     | 0.35 M      |
| Ambient temperature | -40/+50 °C | -40/+122 °F |



APPLICATIONS

⇒ 425 N

📦 3.80 Kg

PBS TJ40-G2





# PBS TP100

## TURBOPROP ENGINE

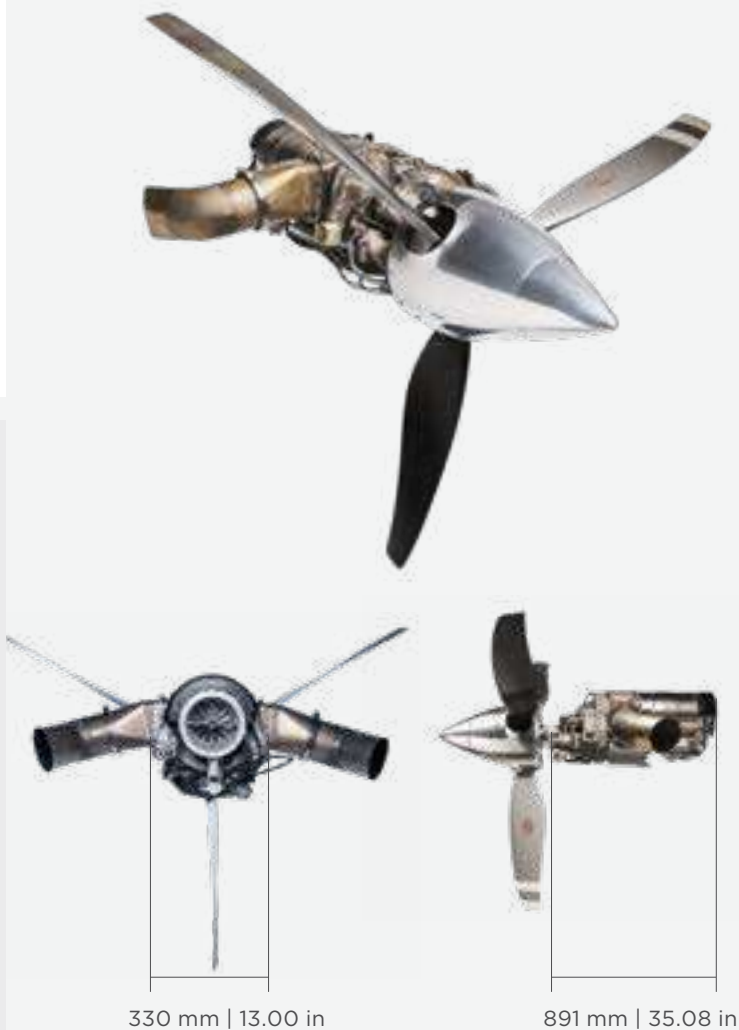


MODIFICATION



APPLICATIONS

PBS TP100



### Technical Parameters

| PARAMETERS                | METRIC        | IMPERIAL       |
|---------------------------|---------------|----------------|
| Output shaft speed        | 2,158 RPM     | 2,158 RPM      |
| Power supply              | 28 V DC       | 28 V DC        |
| El. power output          | 720 - 3,700 W | 720 - 3,700 W  |
| Max output power          | 180 kW        | 241 HP         |
| Specific fuel consumption | 0.548 kg/kW/h | 0.901 lb/HP/hr |

| DIMENSIONS                  | METRIC       | IMPERIAL         |
|-----------------------------|--------------|------------------|
| Height x width (no exhaust) | 398 x 330 mm | 15.67 x 13.00 in |
| Length                      | 891 mm       | 35.08 in         |
| Weight                      | 61.60 kg     | 135.80 lb        |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 9,000 m    | 29,528 ft   |
| Ambient temperature | -50/+45 °C | -58/+113 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 6,000 m    | 19,685 ft   |
| Ambient temperature | -30/+45 °C | -22/+113 °F |



# PBS TS100

## TURBOSHAFT ENGINE



### Technical Parameters

| PARAMETERS                | METRIC          | IMPERIAL        |
|---------------------------|-----------------|-----------------|
| Output shaft speed        | 5,978/2,158 RPM | 5,978/2,158 RPM |
| Power supply              | 28 V DC         | 28 V DC         |
| El. power output          | 720 - 3,700 W   | 720 - 3,700 W   |
| Max output power          | 180 kW          | 241 HP          |
| Specific fuel consumption | 0.548 kg/kW/h   | 0.901 lb/HP/hr  |

| DIMENSIONS                  | METRIC         | IMPERIAL         |
|-----------------------------|----------------|------------------|
| Height x width (no exhaust) | 398 x 330 mm   | 15.67 x 13.00 in |
| Length                      | 829/881 mm     | 32.64/34.69 in   |
| Weight                      | 56.70/61.30 kg | 125.00/135.10 lb |

| OPERATING ENVELOPE  | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 9,000 m    | 29,528 ft   |
| Ambient temperature | -50/+45 °C | -58/+113 °F |

| STARTING ENVELOPE   | METRIC     | IMPERIAL    |
|---------------------|------------|-------------|
| Max. altitude       | 6,000 m    | 19,685 ft   |
| Ambient temperature | -30/+45 °C | -22/+113 °F |



330 mm | 13.00 in



829/881 mm  
32.64/34.69 in



MODIFICATION



APPLICATIONS



PBS TS100

# ENGINE SPECIFICATIONS

## PBS TJ200

| PARAMETERS                | METRIC        | IMPERIAL        |
|---------------------------|---------------|-----------------|
| Thrust                    | 2,280 N       | 512.54 lbf      |
| Power supply              | 28 V DC       | 28 V DC         |
| El. power output          | 4.0 kW        | 4.0 kW          |
| SFC                       | 0.130 kg/N/h  | 1.275 lb/lbf/hr |
| TBO                       | Up to 25 hrs  | Up to 25 hrs    |
| <b>DIMENSIONS</b>         | <b>METRIC</b> | <b>IMPERIAL</b> |
| Outer diameter            | 246 mm        | 9.68 in         |
| Length                    | 730 mm        | 28.74 in        |
| Weight                    | 28.0 kg       | 61.73 lb        |
| <b>OPERATING ENVELOPE</b> | <b>METRIC</b> | <b>IMPERIAL</b> |
| Max. altitude             | 10,000 m      | 32,808 ft       |
| Max. speed                | 0.9 M         | 0.9 M           |
| Ambient temperature       | -50/+45 °C    | -58/+113 °F     |
| <b>STARTING ENVELOPE</b>  | <b>METRIC</b> | <b>IMPERIAL</b> |
| Max. altitude             | 6,000 m       | 19,685 ft       |
| Max. speed                | 0.4 to 0.6 M  | 0.4 to 0.6 M    |
| Ambient temperature       | -35/+45 °C    | -31/+113 °F     |

\*Excluding insulation and equipment

## PBS TJ150

| METRIC        | IMPERIAL        |
|---------------|-----------------|
| 1,500 N       | 337 lbf         |
| 28 V DC       | 28 V DC         |
| 600 - 2,250 W | 600 - 2,250 W   |
| 0.12 kg/N/h   | 1.138 lb/lbf/hr |
| 25 - 50 hrs   | 25 - 50 hrs     |
| <b>METRIC</b> | <b>IMPERIAL</b> |
| 272 mm        | 10.71 in        |
| 636 mm        | 25.04 in        |
| 18.10 kg      | 39.90 lb        |
| <b>METRIC</b> | <b>IMPERIAL</b> |
| 10,000 m      | 32,808 ft       |
| 0.9 M         | 0.9 M           |
| -50/+45 °C    | -58/+113 °F     |
| <b>METRIC</b> | <b>IMPERIAL</b> |
| 6,000 m       | 19,685 ft       |
| 0.6 M         | 0.6 M           |
| -35/+45 °C    | -31/+113 °F     |

## PBS TJ100

| METRIC          | IMPERIAL        |
|-----------------|-----------------|
| 1,100 - 1,250 N | 247 - 281 lbf   |
| 28 V DC         | 28 V DC         |
| 700 - 2,300 W   | 700 - 2,300 W   |
| 0.118 kg/N/h    | 1.157 lb/lbf/hr |
| 25 - 300 hrs    | 25 - 300 hrs    |
| <b>METRIC</b>   | <b>IMPERIAL</b> |
| 272 mm          | 10.71 in        |
| 636 mm          | 25.04 in        |
| 17.60 kg        | 38.80 lb        |
| <b>METRIC</b>   | <b>IMPERIAL</b> |
| 10,000 m        | 32,808 ft       |
| 0.9 M           | 0.9 M           |
| -50/+45 °C      | -58/+113 °F     |
| <b>METRIC</b>   | <b>IMPERIAL</b> |
| 6,000 m         | 19,685 ft       |
| 0.6 M           | 0.6 M           |
| -35/+45 °C      | -31/+113 °F     |

## PBS TP100

| PARAMETERS                  | METRIC        | IMPERIAL         |
|-----------------------------|---------------|------------------|
| Output shaft speed          | 2,158 RPM     | 2,158 RPM        |
| Power supply                | 28 V DC       | 28 V DC          |
| El. power output            | 720 - 3,700 W | 720 - 3,700 W    |
| Max output power            | 180 kW        | 241 HP           |
| Specific fuel consumption   | 0.548 kg/kW/h | 0.901 lb/HP/hr   |
| <b>DIMENSIONS</b>           | <b>METRIC</b> | <b>IMPERIAL</b>  |
| Height x width (no exhaust) | 398 x 330 mm  | 15.67 x 13.00 in |
| Length                      | 891 mm        | 35.08 in         |
| Weight                      | 61.60 kg      | 135.80 lb        |
| <b>OPERATING ENVELOPE</b>   | <b>METRIC</b> | <b>IMPERIAL</b>  |
| Max. altitude               | 9,000 m       | 29,528 ft        |
| Ambient temperature         | -50/+45 °C    | -58/+113 °F      |
| <b>STARTING ENVELOPE</b>    | <b>METRIC</b> | <b>IMPERIAL</b>  |
| Max. altitude               | 6,000 m       | 19,685 ft        |
| Ambient temperature         | -30/+45 °C    | -22/+113 °F      |

## PBS TS100

| METRIC          | IMPERIAL         |
|-----------------|------------------|
| 5,978/2,158 RPM | 5,978/2,158 RPM  |
| 28 V DC         | 28 V DC          |
| 720 - 3,700 W   | 720 - 3,700 W    |
| 180 kW          | 241 HP           |
| 0.548 kg/kW/h   | 0.901 lb/HP/hr   |
| <b>METRIC</b>   | <b>IMPERIAL</b>  |
| 398 x 330 mm    | 15.67 x 13.00 in |
| 829/881 mm      | 32.64/34.69 in   |
| 56.70/61.30 kg  | 125.00/135.10 lb |
| <b>METRIC</b>   | <b>IMPERIAL</b>  |
| 9,000 m         | 29,528 ft        |
| -50/+45 °C      | -58/+113 °F      |
| <b>METRIC</b>   | <b>IMPERIAL</b>  |
| 6,000 m         | 19,685 ft        |
| -30/+45 °C      | -22/+113 °F      |



## PBS TJ80-120

| METRIC        | IMPERIAL        |
|---------------|-----------------|
| 900 - 1,200 N | 202 - 269 lbf   |
| 28 V DC       | 28 V DC         |
| 650 - 2,250 W | 650 - 2,250 W   |
| 0.125 kg/N/h  | 1.226 lb/lbf/hr |
| 25 hrs        | 25 hrs          |
| METRIC        | IMPERIAL        |
| 235 mm        | 9.25 in         |
| 512 mm        | 20.16 in        |
| 12.80 kg      | 28.22 lb        |
| METRIC        | IMPERIAL        |
| 10,000 m      | 32,808 ft       |
| 0.9 M         | 0.9 M           |
| -50/+45 °C    | -58/+113 °F     |
| METRIC        | IMPERIAL        |
| 6,000 m       | 19,685 ft       |
| 0.6 M         | 0.6 M           |
| -35/+45 °C    | -31/+113 °F     |

## PBS TJ40-G1

| METRIC       | IMPERIAL        |
|--------------|-----------------|
| 395 - 425 N  | 89 - 96 lbf     |
| 14 V DC      | 14 V DC         |
| 150 W        | 150 W           |
| 0.147 kg/N/h | 1.442 lb/lbf/hr |
| 50 hrs       | 50 hrs          |
| METRIC       | IMPERIAL        |
| 147 mm       | 5.79 in         |
| 304 mm       | 11.97 in        |
| 3.40 kg      | 7.50 lb         |
| METRIC       | IMPERIAL        |
| 9,000 m      | 29,528 ft       |
| 0.8 M        | 0.8 M           |
| -50/+50 °C   | -58/+122 °F     |
| METRIC       | IMPERIAL        |
| 4,500 m      | 14,764 ft       |
| 0.35 M       | 0.35 M          |
| -40/+50 °C   | -40/+122 °F     |

## PBS TJ40-G1NS

| METRIC       | IMPERIAL        |
|--------------|-----------------|
| 395 - 425 N  | 89 - 96 lbf     |
| 14 V DC      | 14 V DC         |
| 150 W        | 150 W           |
| 0.147 kg/N/h | 1.442 lb/lbf/hr |
| 30 hrs       | 30 hrs          |
| METRIC       | IMPERIAL        |
| 147 mm       | 5.79 in         |
| 304 mm       | 11.97 in        |
| 3.60 kg      | 7.93 lb         |
| METRIC       | IMPERIAL        |
| 9,000 m      | 29,528 ft       |
| 0.8 M        | 0.8 M           |
| -50/+50 °C   | -58/+122 °F     |
| METRIC       | IMPERIAL        |
| 4,500 m      | 14,764 ft       |
| 0.15 M       | 0.15 M          |
| -40/+50 °C   | -40/+122 °F     |

## PBS TJ40-G2

| METRIC       | IMPERIAL        |
|--------------|-----------------|
| 395 - 425 N  | 89 - 96 lbf     |
| 28 V DC      | 28 V DC         |
| 300 - 1200 W | 300 - 1200 W    |
| 0.147 kg/N/h | 1.442 lb/lbf/hr |
| 50 hrs       | 50 hrs          |
| METRIC       | IMPERIAL        |
| 147 mm       | 5.79 in         |
| 373 mm       | 14.68 in        |
| 3.80 kg      | 8.37 lb         |
| METRIC       | IMPERIAL        |
| 9,000 m      | 29,528 ft       |
| 0.9 M        | 0.9 M           |
| -50/+50 °C   | -58/+122 °F     |
| METRIC       | IMPERIAL        |
| 4,500 m      | 14,764 ft       |
| 0.35 M       | 0.35 M          |
| -40/+50 °C   | -40/+122 °F     |

## APPLICATIONS



Turboprop  
Aircraft



UAV



Helicopter



Missile



Jet  
Aircraft

## PBS JET ENGINE MODIFICATIONS



**OIL**  
Separate oil system



**SALT WATER**  
Salt water recovery



**PYRO**  
Pyro in-flight ignition



**pbs.cz**



engines@pbs.cz



TE06B-EN-2505