PC-7 MkII
TURBO TRAINER
Since its introduction in 1994, the PC-7 MkII has come with an exceptional standard of equipment, performance, and cost-effectiveness in this class of training aircraft.

Offering a reliable and economic training platform, the docile behaviour of the PC-7 MkII in the hands of a beginner provides a confidence-building environment for inexperienced cadets. With its highly cost-efficient PT6A-25C engine, it provides the lowest engine operating costs of all turboprop trainer aircraft. The use of airframe and avionics systems common with the PC-9 M enables owners and operators to profit from the benefits of a combined infrastructure established at Pilatus to support both these aircraft types.

**TRAINING ROLES**

Ab Initio Training
Basic Flying Training

**FEATURES**

Hartzell four-blade aluminium propeller
700 shp Pratt & Whitney PT6A-25C engine (850 shp thermodynamic rating)
Ejection seats
Stepped, tandem seating with full dual-glass cockpit
Trim-aid device
Six underwing hardpoints
Anti-g system
On-board oxygen generating system (OBOGS)

**PERFORMANCE**

The PC-7 MkII, in the aerobatic configuration, has the following performance under international standard atmospheric (ISA) conditions:

<table>
<thead>
<tr>
<th>Description</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Take-off distance over 50 ft (15 m) obstacle at sea level</td>
<td>1,360 ft</td>
<td>(415 m)</td>
</tr>
<tr>
<td>Landing distance over 50 ft (15 m) obstacle at sea level</td>
<td>2,210 ft</td>
<td>(674 m)</td>
</tr>
<tr>
<td>Max. rate of climb, sea level</td>
<td>2,840 ft/min</td>
<td>(14.42 m/sec)</td>
</tr>
<tr>
<td>Max. operating speed ($V_{mo}$)</td>
<td>300 KCAS</td>
<td>(556 km/h)</td>
</tr>
<tr>
<td>Max. level cruise speed at sea level</td>
<td>242 KTAS</td>
<td>(448 km/h)</td>
</tr>
<tr>
<td>Max. level cruise speed at 10,000 ft</td>
<td>251 KTAS</td>
<td>(465 km/h)</td>
</tr>
</tbody>
</table>

**Stall speed**
- flaps and gear up ($V_s$) | 75 KCAS | (139 km/h) |
- flaps and gear down ($V_{spo}$) | 67 KCAS | (124 km/h) |

**g loads**
- Max. positive | Aerobic + 7.0 g + 4.5 g
- Max. negative | Utility - 3.5 g - 2.25 g

**Max. range** | 810 NM | (1,500 km) |

**WEIGHTS**

Basic empty weight (depending on configuration) | 3,682 lb | (1,670 kg) |

Max. take-off weight, aerobatic | 4,960 lb | (2,250 kg) |

Max. take-off weight, utility | 6,283 lb | (2,850 kg) |