

PERFORMANCE

TAKE-OFF AND LANDING

Take-off ground roll (sea level)	935 ft	285 m
Take-off distance (50 ft (15m) obstacle) 1,510 ft	460 m
Landing ground roll (sea level)	1,110 ft	338 m
Landing distance (50 ft (15m) obstacle,	2,264 ft	690 m

CLIMB

Maximum rate of climb at maximum power:

Sea level	2,675 ft/min	815 m/min
5,000 ft	2,345 ft/min	715 m/min
10,000 ft	1,900 ft/min	580 m/min
20,000 ft	945 ft/min	290 m/min

CRUISE

Maximum cruise speed:

Sea level	240 KTAS	445 km/h
10,000 ft	251 KTAS	465 km/h
20,000 ft	238 KTAS	441 km/h

SUSTAINED LOAD FACTOR

Sea level	3.2 g
10,000 ft	2.5 g
20,000 ft	1.7 g

CERTIFICATION

Federal Aviation Regulation Part 23. The PC-7 MKX is fully civil certified by using the PC-7 MkII type certificate.



- 1 Hartzell four-blade aluminium propeller
- 2 Most dependable Pratt & Whitney PT6A-25C engine withlower environmental impact due to single-engine concept
- 3 Robust landing gear for hard landings
- 4 Anti-g system
- 5 Bird strike resistant canopy

- 6 Environmental Control System to keepcockpit cool or warm
- 7 Stepped tandem seating for increased instructor visibility
- 8 Martin Baker ejection seats
- 9 On board Oxygen Generating System
- 10 High-strength aluminium structure for durability
- 11 Capability to carry underwing fuel tanks

DIMENSIONS AND WEIGHTS

Acrobatic categoryw

DIMENSIONS (EXTERIOR)

Wing span	34 ft 3.8 in	10.46 m
Horizontal tail span	12 ft 2 in	3.66 m
Fuselage length	33 ft 7.8 in	10.26 m
Fuselage width	3 ft 2 in	0.97 m

WEIGHTS

Maximum Operating Weights:

Maximum ramp weight	5,203 lb	2,360 kg
Maximum take-off weight	5,181 lb	2,350 kg
Maximum landing weight	5,181 lb	2,350 kg
Maximum zero fuel weight	4,409 lb	2,000 kg
	With underw	ings stores
Maximum ramp waight	6 205 lb	2 060 1/4

With underwings stores

Maximum ramp weight 6,305 lb 2,860 kg

Maximum take-off weight 6,283 lb 2,850 kg

Maximum landing weight 6,283 lb 2,850 kg

ALTITUDE

Maximum operating altitude 25,000 ft 7,260 m

SPEEDS

Equivalent air speeds at maximum operating weights

Acrobatic Category (5,181 lb/2,350 kg)

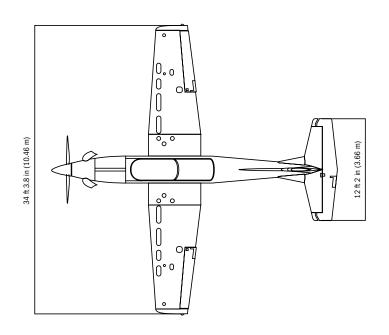
Maximum operating speed (VMO) 300 kt 556 km/h

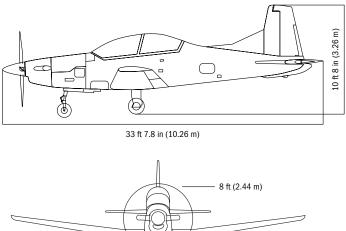
Maximum operating mach (MMO) 0.60 M

Stall speed flaps & gear down (VSO) 69 kt 128 km/h

LOAD FACTOR

	Acrobatic Category
Maximum positive	+7.0 g
Maximum negative	-3.5 g
	Utility Category
Maximum positive	+4.5 g
Maximum negative	-2.25





8 ft 4 in (2.54 m)





