PS-28 Cruiser Classic

ENGINE
Manufacturer: BRP- Powertrain GmbH&Co.KG
Model number: Rotax 912ULS2
Type: 4-stroke, 4-cylinder horizontally opposed, spark ignition engine with one central camshaft/push-rod-DOHV
Maximum power rating: 74 kW, 100 HP at 5 800 RPM

PROPELLER
Manufacturer: Woodcomp s.r.o.
Model number: Klassic 170/3/R
Diameter: 1 712 mm
Type: three composite blades, ground adjustable

AVIONICS
Airspeed indicator
Altitude indicator
Vertical speed indicator
Artificial horizon
Turn and bank indicator
Directional gyro
Magnetic compass
Engine RPM
Oil temperature gauge
Oil pressure gauge
CHT gauge
Fuel pressure gauge
Fuel quantity gauge
Voltmeter
VHF: Garmin SL40
XPNDR: GTX328, S mode, Class 2
Intercom
GPS: Aera 500 series
ELT: 121.5 MHz, 243.0 MHz, 406 MHz

BRS system as an option

New Era of General Aviation Training Started

EAS A Certified
PS-28 Cruiser is a double seater aircraft of full-metal construction. The aircraft is arranged as a low wing mono-plane with cantilevered wings and a conventional empennage. PS-28 Cruiser is EASA certified aircraft, primarily designed for basic flight training, as well as for advanced flight training, practice of group flying and, of course, for tourist flying.

**PS-28 Cruiser**

**Wingspan:** 8.6 m  
**Length:** 6.62 m  
**Height:** 2.315 m  
**Wing Area:** 12.3 m²  
**MTOW:** 600 kg  
**Empty weight:** 374 kg  
**Cockpit width:** 1.170 mm  
**Range:** 1.100 km  
**Endurance:** 6 hours 10 min  
**Fuel capacity:** 2x57 l  
**Average fuel consumption:** 17.5 l/FH  
**Approved fuel:** Mogas, Avgas

**Max. baggage weight**:  
- in rear fuselage: 18 kg  
- in each wing locker: 10 kg  
**Cruise speed at 3000 ft, 75% power:** 93 KIAS (172 km/h)  
**Max. horizon speed:** 119 KIAS (220 km/h)  
**VNE:** 138 KIAS (255 km/h)  
**Climb rate:** 825 ft/min (4.5 m/s)  
**Take-off distance to 15 m:**  
- concrete: 387 m  
- grass: 457 m  
**Landing distance from 15 m:**  
- concrete: 362 m  
- grass: 338 m

**ENGINE**  
- **Manufacturer:** BRP- Powertrain GmbH&Co.KG  
- **Model number:** Rotax 912ULS2  
- **Type:** 4-stroke, 4-cylinder horizontally opposed, spark ignition engine with one central camshaft-push-rod OHV  
- **Maximum power rating:** 74 kW, 100 HP at 5 800 RPM

**PROPeller**  
- **Manufacturer:** Woodcomp s.r.o.  
- **Model number:** Klassic 170/3/R  
- **Diameter:** 1.712 mm  
- **Type:** three composite blades, ground adjustable

**AVIONICS**  
- **Primary Flight Data Display:** Dynon D100  
- **Engine monitoring system:** Dynon D120  
- **VHF/NAV:** Garmin SL-30 VHF/NAV+HS34  
- **Intercom:**  
- **Transponder:** GTX-328, S mode, Class 2  
- **GPS:** Garmin 695  
- **ELT:** 121.5 MHz, 243.0 MHz, 406 MHz  
- **Backup Airspeed indicator**  
- **Backup Altitude indicator**  
- **BRS system as an option**
PS-28 Cruiser is a double seater aircraft of full-metal construction. The aircraft is arranged as a low wing mono-plane with cantilevered wings and a conventional empennage. PS-28 Cruiser is EASA certified aircraft, primarily designed for basic flight training, as well as for advanced flight training, practice of group flying and, of course, for tourist flying.

**Wingspan:** 8.6 m  
**Length:** 6.62 m  
**Height:** 2.315 m  
**Wing Area:** 12.3 m²  
**MTOW:** 600 kg  
**Empty weight:** 374 kg  
**Cockpit width:** 1.170 mm  
**Range:** 1100 km  
**Endurance:** 6 hours 10 min  
**Fuel capacity:** 2x57 l  
**Average fuel consumption:** 17.5 l/FH  
**Approved fuel:** Mogas, Avgas  
**Max. baggage weight in rear fuselage:** 18 kg  
**Max. baggage weight in each wing locker:** 10 kg  
**Cruise speed at 3000 ft, 75% power:** 93 KIAS (172 km/h)  
**Max. horizon speed:** 119 KIAS (220 km/h)  
**VNE:** 138 KIAS (255 km/h)  
**Climb rate:** 825 ft/min (4.5 m/s)  
**Take-off distance to 15 m:**  
- Concrete: 387 m  
- Grass: 457 m  
**Landing distance from 15 m:**  
- Concrete: 362 m  
- Grass: 338 m  

**Engine**  
**Manufacturer:** BRP- Powertrain GmbH&Co.KG  
**Model number:** Rotax 912ULS2  
**Type:** 4-stroke, 4-cylinder horizontally opposed, spark ignition engine with one central camshaft-push-rod OHV  
**Maximum power rating:** 74 kW, 100 HP at 5800 RPM  

**Propeller**  
**Manufacturer:** Woodcomp s.r.o.  
**Model number:** Klassic 170/3/R  
**Diameter:** 1712 mm  
**Type:** three composite blades, ground adjustable  

**Avionics**  
**Primary Flight Data Display:** Dynon D100  
**Engine monitoring system:** Dynon D120  
**VHF/NAV:** Garmin SL-30 VHF/NAV+HS34  
**Intercom:**  
**Transponder:** GTX-328, S mode, Class 2  
**GPS:** Garmin 695  
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PS-28 Cruiser is a double seater aircraft of full-metal construction. The aircraft is arranged as a low wing mono-plane with cantilevered wings and a conventional empennage. PS-28 Cruiser is EASA certified aircraft, primarily designed for basic flight training, as well as for advanced flight training, practice of group flying and, of course, for tourist flying.

**Wingspan:** 8.6 m

**Length:** 6.62 m

**Height:** 2.315 m

**Wing Area:** 12.3 m²

**MTOW:** 600 kg

**Empty weight:** 374 kg

**Cockpit width:** 1.170 m

**Range:** 1.100 km

**Endurance:** 6 hours 10 min

**Fuel capacity:** 2x57 l

**Average fuel consumption:** 17.5 l/FH

**Approved fuel:** Mogas, Avgas

**Max. baggage weight in rear fuselage:** 18 kg

**Max. baggage weight in each wing locker:** 10 kg

**Cruise speed at 3000 ft, 75% power:** 93 KIAS (172 km/h)

**Max. horizon speed:** 119 KIAS (220 km/h)

**V_{so}**

**Stall speed V_{so}:** 31 KIAS (57 km/h)

**Climb rate:** 825 ft/min (4.5 m/s)

**Take-off distance to 15 m:**
- **Concrete:** 387 m
- **Grass:** 457 m

**Landing distance from 15 m:**
- **Concrete:** 362 m
- **Grass:** 338 m

**Engine:**
- **Manufacturer:** BRP- Powertrain GmbH&Co.KG
- **Model number:** Rotax 912ULS2
- **Type:** 4-stroke, 4-cylinder horizontally opposed, spark ignition engine with one central camshaft-push-rod OHV
- **Maximum power rating:** 74 kW, 100 HP at 5 800 RPM

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- **Manufacturer:** Woodcomp s.r.o.
- **Model number:** Klassic 170/3/R
- **Diameter:** 1.712 m
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- **Primary Flight Data Display:** Dynon D100
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- **ELT:** 121.5 MHz, 243.0 MHz, 406 MHz

**Backup Airspeed indicator**
**Backup Altitude indicator**
**BRS system as an option**
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PROPELLER
Manufacturer: Woodcomp s.r.o.
Model number: Klassic 170/3/R
Diameter: 1 712 mm
Type: three composite blades, ground adjustable

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GPS: Aera 500 series
ELT: 121.5 MHz, 243.0 MHz, 406 MHz
BRS system as an option

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