

COMING SOON

AERO DESIGN PULSAR XP100

Bad Vöslau, Austria



STARTING PRICE	OPENING PRICE	BIDS PLACED	RESERVE PRICE
—	—	0	No
LOT	AUCTION	BRAND	CATEGORY
#188	#159	Aero Designs	Aircraft
BIDDING CLOSES	SELLER		
—	C****s		

This document is a snapshot taken at the time and date shown. Prices, bid counts, closing times and availability change continuously. Always confirm the current position on collectairs.com before bidding or making any commitment.

DESCRIPTION

Some composite two-seaters are built for comfort. The Aero Designs Pulsar XP100 is built to be flown — and the seller's own description backs that up, calling it "very precise to fly" and "quick, agile."

The Aero Designs Pulsar XP100 is a low-wing, side-by-side two-seat kit aircraft built in composite construction, positioned squarely in the sporty end of the general aviation homebuilt and microlight world. This particular example was built in Austria in 2000, carries the registration OE-APC , and is based at Vöslau (LOAV) with just 490 hours on the airframe.

Quick Facts: This Aero Designs Pulsar XP100

Spec

Detail

Aircraft

Aero Designs Pulsar XP100

Registration

OE-APC (Austria)

Year Built

2000

Location

Vöslau, Austria (LOAV)

Total Flight Time

490 hours

Engine

Rotax 912 ULS — 100 hp

Propeller

2-blade Wolf 165 VP-HO, electric variable pitch

Cruise Speed

114 knots

Fuel Burn

16 L/hr (72 L capacity)

MTOW

500 kg

Last Inspection

18 June 2025 (biennial inspection cycle)

Maintenance

Records maintained since 2017 by HB-Flugtechnik (Hofkirchen), who also performed all engine maintenance

What makes the Aero Designs Pulsar XP100 stand out from a typical composite kit aircraft?

The variable-pitch propeller is the headline feature. Paired with a Rotax 912 ULS producing 100 hp , the electric variable-pitch Wolf 165 VP-HO propeller on this Aero Designs Pulsar XP100 helps deliver a genuinely strong 1,000+ fpm climb rate alongside a 114-knot cruise speed — performance figures that stand out in the light sport and microlight category.

For pilots researching a general aviation sport aircraft with genuine performance and a documented maintenance history, this Aero Designs Pulsar XP100 offers a rare combination: agile handling, efficient fuel burn, and a shop-maintained record going back to 2017.

Powerplant, Systems & Technical Highlights

The technical package on this Aero Designs Pulsar XP100 is built around efficient, genuinely sporty performance rather than raw power.

- Engine: Rotax 912 ULS, 100 hp
- Propeller: 2-blade Wolf 165 VP-HO , electric variable pitch
- Fuel burn: 16 liters per hour
- Fuel capacity: 72 liters — providing roughly 4.5 hours of endurance at the stated burn rate
- Climb rate: 1,000 fpm or more
- Cruise speed: 114 knots
- MTOW: 500 kg

Avionics and equipment:

- Garmin G5 PFD/HSI
- Trig TY91 radio (8.33 kHz)
- Trig TT21 OM transponder
- Garmin Aero 600 GPS
- EMS-AvMap EngiBOX engine display
- TL-2512 fuel computer
- ACK E-04 ELT (406/121.5 MHz)
- Manual flaps
- Cabin heat
- Toe brake system
- Electric pitch trim
- Strobe light
- Luggage compartment behind the seats

How does a variable-pitch prop compare to a fixed-pitch setup on an aircraft like this?

Feature

Typical Fixed-Pitch Propeller

This Aircraft's Wolf 165 VP-HO (Variable Pitch)

Climb performance

Standard, single compromise setting

Optimized — contributes to this aircraft's 1,000+ fpm climb rate

Cruise efficiency

Fixed compromise between climb and cruise

Adjustable in flight for improved cruise efficiency

Mechanical complexity

Simple, no moving parts

Electric pitch control adds complexity in exchange for performance flexibility

Honest ownership note: A variable-pitch propeller adds genuine performance, but it's also one more system to maintain and understand. With maintenance consistently handled by HB-Flugtechnik since 2017 — including all engine work — this Aero Designs Pulsar XP100 at least comes with a single, traceable maintenance history rather than a patchwork of shops.

Exterior & Cockpit

This Aero Designs Pulsar XP100 presents in genuinely good shape, matching the seller's description of very good visual and technical condition throughout.

Exterior highlights:

- Composite airframe construction, giving the Pulsar XP100 its sleek, low-drag profile
- Very good visual condition, per the seller
- Low-wing configuration typical of the type's sporty handling character
- Based at Vöslau (LOAV), Austria, with a maintenance history tied to a single Austrian shop

Cockpit highlights:

- Side-by-side two-seat cabin
- Garmin G5 PFD/HSI glass panel instrumentation
- Cabin heat for extended-season comfort
- Toe brake system
- Electric pitch trim
- Manual flaps
- Luggage compartment located behind the seats
- Strobe light fitted for enhanced visibility

Between the Garmin G5 glass panel and the well-equipped systems list, this Aero Designs Pulsar XP100 blends genuine sport-flying character with a cockpit that feels considerably more modern than a typical year-2000 kit build.

The Perfect Airplane For

Who is the Aero Designs Pulsar XP100 best suited for?

This Aero Designs Pulsar XP100 suits a pilot who wants genuinely engaging handling alongside efficient, well-documented ownership.

- Sport and recreational pilots who want precise, agile handling rather than a docile trainer feel
- Microlight and light sport pilots looking for strong climb performance and efficient cruise speed in a 500 kg MTOW category
- Buyers who value a variable-pitch propeller's performance edge

- Owners who prioritize documented maintenance history , thanks to a single shop's records dating back to 2017
- Austria- and Europe-based buyers , given the EU-compliant 8.33 kHz radio and Mode S transponder already installed

Good fit if...

Worth a second thought if...

You want genuinely agile, precise handling in a composite sport aircraft

You want a docile, straightforward trainer-style aircraft

You value the performance edge of a variable-pitch propeller

You'd rather avoid the added complexity of a variable-pitch system

You want single-source, documented maintenance history

You need an aircraft with a longer overall service history to evaluate

You're based in or near Austria/Europe

You need equipment already configured for non-European operations

With a strong climb rate, a genuine 114-knot cruise, and a maintenance trail that's stayed with one shop since 2017, this Aero Designs Pulsar XP100 offers exactly what the seller promises: an aircraft that's precise, quick, and agile — and honestly documented to match.

SPECIFICATIONS

General Information

Year	2000
------	------

Engine & Power Systems

Engine	Rotax 912 ULS
--------	---------------

Horsepower	100 hp
------------	--------

Propeller Type	2-blade Wolf 165 VP-HO, electric variable pitch
----------------	---

Avionics & Equipment

Avionics	Garmin G5 PFD/HSI Trig TY91 radio (8.33 kHz) Trig TT21 OM transponder Garmin Aero 600 GPS EMS-AvMap EngiBOX engine display TL-2512 fuel computer ACK E-04 ELT (406/121.5 MHz)
----------	---

Airframe & Exterior

Airframe Total Time	490 hours
---------------------	-----------

Max takeoff weight	500 kg
--------------------	--------

Maintenance & Records

Maintenance Highlights	Records maintained since 2017 by HB-Flugtechnik (Hofkirchen), who also performed all engine maintenance
Logs and Records	18 June 2025 (biennial inspection cycle)

Performance & Specifications

Cruise Speed	114 knots
Passengers	1 Pilot + 1 Crew
Fuel Capacity	72 liters

PHOTOGRAPHS

11 of 12 photographs reproduced here. The complete gallery is on the listing page.

EXTERIOR









INTERIOR















HOW TO BID ON THIS LOT

Bidding is online at CollectAirs. Register and complete verification in good time before the lot closes — verification is reviewed by our team rather than granted instantly.

<https://collectairs.com/auctions/aero-design-pulsar-xp100>

Questions about this aircraft, the paperwork or the process can be sent to our team at any hour on WhatsApp, or by email at info@collectairs.com.

OTHER LIVE AUCTIONS

Live when this document was prepared. Stages and availability change — check the site for the current position.



Ikarus Comco C42

Kirn, Germany

€49,000 CURRENT PRICE

Closes 30 October 2026, 20:00 UTC

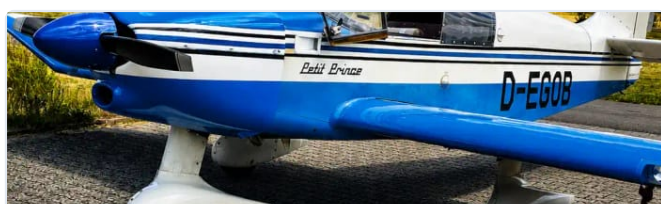


Rare UTVA AERO 3

Büren, Germany

€19,000 CURRENT PRICE

Closes 30 October 2026, 20:00 UTC



Avions Robin DR300/125

Kirn, Germany

€29,000 CURRENT PRICE

Closes 30 September 2026, 19:00 UTC



Robin HR 100 210D

Nordhorn, Germany

€49,000 CURRENT PRICE

Closes 30 October 2026, 13:24 UTC

Browse all live lots at <https://collectairs.com/auctions/live>

IMPORTANT INFORMATION

Closing times can change

The closing time shown is indicative. Auctions may be extended automatically when bids arrive close to the deadline, and CollectAirs may reschedule, pause or withdraw a lot at any time. The time shown on the website governs.

Prices are indicative

Starting prices, current bids and any reserve are subject to change and may be corrected, revised or withdrawn. Where a lot carries a reserve, the amount is confidential and the lot will not sell below it. Figures here exclude applicable fees, taxes, duties, transport and registration costs.

No offer and no contract

This document is provided for information only. It is not an offer, a valuation, an appraisal, or an invitation to treat, and it forms no part of any contract. Bidding and sale are governed solely by the CollectAirs Terms and Conditions in force at the time of the auction.

Condition and airworthiness

Aircraft are sold as they stand. Descriptions, specifications, hours, dates and maintenance status are supplied by the seller and, while CollectAirs curates and verifies listings, they are not warranted as complete or accurate. Buyers are expected to carry out their own inspection, records review and pre-purchase survey before bidding.

Export, registration and compliance

Deregistration, export, import, customs, tax and re-registration are the buyer's responsibility, as is confirming that the aircraft can be lawfully imported and operated in the intended jurisdiction. Requirements vary by country and can affect both cost and timescale.

Photography and written content

Photographs are supplied by the seller and may have been edited for exposure, colour, straightening or the removal of background distractions, in some cases with AI-assisted tools. Parts of the written description and specification summaries may also have been drafted or edited with AI assistance for clarity and consistency. Such enhancements are made to present the aircraft clearly and are not intended to conceal, add or alter any physical feature, damage or defect. Photographs are illustrative — treat the aircraft itself, and its records, as the only authority on condition.

Seller identity

Seller names are shown in the partially masked form used across the platform. Full counterparty details are exchanged through CollectAirs once an auction concludes.

This document is a snapshot taken at the time and date shown. Prices, bid counts, closing times and availability change continuously. Always confirm the current position on collectairs.com before bidding or making any commitment.