COMING SOON

Van's RV-10

Colbitz, Germany



STARTING PRICE	OPENING PRICE	BIDS PLACED	RESERVE PRICE
—	—	0	No

LOT	AUCTION	BRAND	CATEGORY
#83	#66	VANS	Aircraft

BIDDING CLOSES	SELLER
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DESCRIPTION

The Van's Aircraft RV-10 represents the most practical and touring-focused aircraft in the celebrated RV family. Designed by Richard VanGrunsven, the Van's Aircraft RV-10 first flew on May 29, 2003, and became the first four-seat aircraft in the RV series. Unlike the earlier two-seat RV models, which are known for lighter handling and aerobatic character, the Van's Aircraft RV-10 was created from the beginning as a comfortable cross-country aircraft with greater stability, useful payload, and real family-travel capability.

The Van's Aircraft RV-10 combines the freedom of experimental aircraft ownership with the usability of a serious touring airplane. Sold in kit form by Van's Aircraft, it offers builders and owners a compelling mix of speed, efficiency, cabin space, and personal involvement. With more than 1,000 examples completed and flown by late 2022, the Van's Aircraft RV-10 has become one of the most respected four-seat kit aircraft in modern general aviation.

Powerplant, Systems & Technical Highlights

At the heart of the Van's Aircraft RV-10 is the Lycoming O-540 engine family, with the prototype aircraft powered by a fuel-injected Lycoming IO-540 producing 260 hp. Van's Aircraft describes the RV-10 as being designed to fly well on the six-cylinder Lycoming O-540, and the company's own engine guidance lists the Lycoming IO-540D4A5 at 260 hp as the engine installed on its four-place RV-10.

- Configuration: Single-engine, low-wing aircraft
- Landing gear: Fixed tricycle landing gear
- Engine: Lycoming O-540
- Engine type: Six-cylinder piston engine
- Passenger capacity: 4 passengers
- Maximum takeoff weight: Approx. 2,700 lb
- Fuel capacity: Approx. 60 US gallons

The technical appeal of the Van's Aircraft RV-10 lies in its balance. It is not merely a fast kitplane; it is a stable, practical, and highly usable cross-country aircraft. The combination of Lycoming six-cylinder power, fixed tricycle landing gear, efficient aerodynamics, and a spacious four-seat cabin gives the Van's Aircraft RV-10 a strong reputation among pilots who want both performance and real-world touring comfort.

Exterior & Cockpit

The Van's Aircraft RV-10 carries a clean, purposeful low-wing profile with fixed tricycle landing gear and a modern cabin design. Unlike earlier RV models that use hinged or sliding canopies, the Van's Aircraft RV-10 features two gull-wing doors, giving practical access to all four seats and creating a more conventional touring-aircraft cabin experience.

The airframe is primarily aluminum, while the cabin structure and gull-wing doors use composite materials. This combination supports the aircraft's clean shape, strong build philosophy, and efficient kit construction. Van's also used computer-aided design and pre-drilled rivet holes to reduce assembly time and improve build consistency.

Inside, the Van's Aircraft RV-10 feels more like a personal cross-country aircraft than a pure sport machine. The cockpit is designed around comfort, visibility, and long-distance usability, while still retaining the direct, responsive flying character associated with the RV family. The four-seat layout makes it especially attractive for owners who want to travel with family, friends, or baggage without leaving behind the performance and personality of an experimental aircraft.

The Perfect Airplane For

The Van's Aircraft RV-10 is ideal for pilots and owners seeking a fast, efficient, and highly capable four-seat experimental aircraft with genuine touring ability. It is especially well suited for private owners, kit builders, cross-country pilots, families, and aviation enthusiasts who want more cabin practicality than a two-seat sport aircraft can offer.

This aircraft is a strong match for those who value:

- A respected four-seat experimental aircraft
- Lycoming IO-540 power and strong cross-country performance
- Fixed tricycle landing gear simplicity
- Comfortable touring capability
- A spacious cabin with gull-wing door access
- Efficient aluminum construction with composite cabin elements
- A personal aircraft that blends speed, stability, and builder involvement

The Van's Aircraft RV-10 is not simply a larger RV; it is the RV philosophy matured into a true traveling aircraft. Fast, stable, practical, and deeply rewarding to own, it offers the rare combination of personal craftsmanship, real four-seat utility, and the engaging flying character that has made Van's Aircraft one of the most respected names in the kit aircraft world.

SPECIFICATIONS

General Information

Model	**RV-10**

Engine & Power Systems

Engine	**1 × Lycoming O-540**
Engine Type	**six-cylinder**
Propeller Type	**2-bladed constant speed Hartzell Propeller**

Performance & Specifications

Cruise Speed	**197 mph (317 km/h, 171 kn) 75% power at 8,000 ft (2,438 m)**
Range	**825 mi (1,328 km, 717 nmi) 75% power at 8,000 ft (2,438 m)**
Passengers	**4**

PHOTOGRAPHS

4 of 5 photographs reproduced here. The complete gallery is on the listing page.

EXTERIOR




AI ENHANCED


RV-10
AI ENHANCED

INTERIOR



HOW TO BID ON THIS LOT

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collectairs.com/auctions/vans-rv-10

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