COMING SOON

Vashon Ranger R7

Ahausen, Germany



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LOT	AUCTION	BRAND	CATEGORY
#110	#92	Vashon Aircraft	Aircraft

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DESCRIPTION

The Vashon Ranger R7 is a modern, all-metal, high-wing light-sport aircraft designed to deliver simple ownership, excellent visibility, predictable handling, and modern avionics in a durable training and recreational flying platform. Built in the United States by Vashon Aircraft, the Ranger R7 combines traditional utility-aircraft characteristics with contemporary systems, creating an aircraft that feels familiar to experienced pilots while remaining approachable for new aviators.

Unlike many light-sport aircraft that prioritize sleek performance or composite construction, the Vashon Ranger R7 focuses on practicality, durability, and everyday usability. It is designed to be easy to fly, economical to operate, and capable of handling a wide variety of missions, from flight training and time building to recreational cross-country flying.

For aviation buyers searching for a light-sport aircraft, modern trainer aircraft, two-seat aircraft, all-metal LSA, high-wing aircraft, flight school aircraft, or economical recreational aircraft for sale, the Vashon Ranger R7 stands out as one of the most practical and accessible aircraft in its category.

Quick Facts

Details

Aircraft type

High-wing light-sport aircraft

Model focus

Vashon Ranger R7

Engine

Continental O-200D

Power output

100 hp

Seating

2 seats

Landing gear

Fixed tricycle landing gear

Maximum cruise speed

117 knots

Range

501 nm

Useful load

445 lb

Core appeal

Simplicity, durability, training capability, modern avionics

Key Takeaway: The Vashon Ranger R7 is not designed to be the fastest or most technologically complex light-sport aircraft. Instead, it focuses on reliability, straightforward ownership, predictable handling, and practical utility, making it an attractive choice for flight schools, new pilots, and recreational owners alike.

Powerplant, Systems & Technical Highlights

The Vashon Ranger R7 is powered by the Continental O-200D , a naturally aspirated four-cylinder piston engine producing 100 horsepower. The O-200 series has earned a reputation for reliability and simplicity over decades of operation, making it a logical choice for a training-focused and owner-friendly aircraft.

The Ranger R7 was engineered around a philosophy of minimizing complexity while maximizing utility. The aircraft features an all-metal airframe, conventional fixed landing gear, modern glass avionics, and predictable flight characteristics designed to inspire pilot confidence.

Technical highlights include:

- Powerplant: Continental O-200D
- Horsepower: 100 hp
- Propeller: Fixed-pitch two-blade propeller
- Avionics: Dynon SkyView HDX integrated flight display
- Autopilot: Available integrated Dynon autopilot
- Cruise speed: 117 knots
- Maximum takeoff weight: 1,320 lb
- Useful load: 445 lb
- Fuel capacity: 28.1 gallons
- Rate of climb: 833 fpm
- Service ceiling: 12,000 ft
- Airframe: All-metal construction
- Certification: ASTM Light Sport Aircraft standards

What makes the Vashon Ranger R7 technically attractive? It delivers modern avionics, proven engine reliability, excellent visibility, forgiving handling, and straightforward maintenance in a package specifically designed to reduce ownership complexity.

Buyer Perspective

Strengths

Considerations

Flight training

Forgiving handling, excellent visibility, and durable all-metal construction

Student proficiency still depends on quality instruction and consistent practice

Recreational flying

Low operating costs, simple systems, and enjoyable handling

Limited payload and cabin space compared to larger certified aircraft

First-time ownership

Straightforward maintenance and approachable operating costs

Owners should still budget for hangar, insurance, and annual inspections

Flying club operations

Broad pilot appeal and economical fleet utilization

Shared scheduling and maintenance coordination remain important

Time building

Affordable hourly costs and modern avionics platform

Slower cruise speeds increase trip duration on longer flights

Short cross-country travel

Efficient fuel consumption and comfortable visibility

Not designed as a high-speed touring aircraft

Flight school fleet

Modern trainer alternative to aging Cessna and Piper trainers

Aircraft availability and parts support should be evaluated regionally

For buyers asking, "Is the Vashon Ranger R7 a good trainer aircraft?" , the answer is yes. The Ranger R7 was specifically designed to be an affordable, modern alternative to aging training aircraft while maintaining familiar flying characteristics.

Exterior & Cockpit

The Vashon Ranger R7 features a clean, purposeful appearance that emphasizes utility and visibility. Its high-wing design provides excellent downward visibility, easy cabin access, and practical ramp operations. The aircraft's all-metal construction gives it a rugged feel that appeals to both flight schools and private owners.

Unlike many modern LSAs that use composite structures and highly stylized designs, the Ranger R7 intentionally adopts a practical, proven configuration reminiscent of classic trainers while integrating modern systems and materials.

Exterior highlights include:

- High-wing configuration for visibility and accessibility
- All-metal airframe construction
- Fixed tricycle landing gear
- Wide cabin doors for easy entry
- Modern LED exterior lighting
- Durable trainer-oriented design
- Large side windows for visibility
- Simple maintenance access points
- Strong ramp presence with traditional utility-aircraft proportions

Inside, the Vashon Ranger R7 focuses on comfort and usability. The cabin offers more room than many traditional trainers while incorporating modern avionics and ergonomics.

Cockpit and cabin highlights include:

- Dynon SkyView HDX glass cockpit

- Integrated engine monitoring
- Optional two-axis autopilot
- ADS-B In and Out capability
- Modern switch layout
- Adjustable seating
- Cabin width: 46.7 in
- Excellent visibility through large windows
- Dual controls for training operations
- USB charging capability

The cockpit of the Vashon Ranger R7 feels modern without being intimidating. Pilots transitioning from legacy trainers benefit from familiar handling while enjoying the advantages of a contemporary avionics suite.

The Perfect Airplane For

The Vashon Ranger R7 is perfect for buyers seeking a straightforward, modern aircraft that prioritizes reliability, affordability, and ease of operation. It particularly appeals to student pilots, flight schools, recreational aviators, and owners transitioning into aircraft ownership.

Who is the Vashon Ranger R7 best suited for? It is best suited for pilots who want a dependable, modern light-sport aircraft with excellent training characteristics, low operating costs, and simple ownership.

The Vashon Ranger R7 is ideal for:

- Flight schools seeking a modern trainer
- Student pilots building experience
- Private owners wanting affordable flying
- Recreational weekend aviators
- Pilots transitioning from older trainers
- Flying clubs looking for economical aircraft
- Time-building pilots
- Owners wanting modern avionics without high operating costs

The Ranger R7 is not intended to compete with high-performance cross-country aircraft or complex touring airplanes. Its strength lies in simplicity, economy, visibility, and confidence-inspiring handling.

Buyer Type

Fit Level

Why It Works

Flight school

Excellent

Durable, modern, economical trainer

Student pilot

Excellent

Predictable handling and simple systems

Recreational pilot

Excellent

Affordable ownership and enjoyable flying

Flying club

Excellent

Low operating costs and broad appeal

Cross-country traveler

Moderate

Capable, but not optimized for speed

Backcountry pilot

Moderate

Handles grass strips but not a dedicated bush aircraft

First-time owner

Excellent

Simple maintenance and approachable systems

Potential Buyer Profile

You may be a good fit for the Vashon Ranger R7 if:

- You want a modern light-sport aircraft
- You value simplicity and reliability
- You prefer an all-metal airframe
- You want a high-wing design with excellent visibility
- You need an economical trainer or recreational aircraft
- You appreciate modern glass avionics
- You prioritize predictable handling over maximum speed
- You want lower ownership and maintenance costs
- You fly primarily for training, local flights, or short cross-country trips
- You want an aircraft that feels familiar, practical, and easy to own

In short, the Vashon Ranger R7 is the perfect airplane for buyers who want modern technology without unnecessary complexity. It combines classic trainer durability with contemporary avionics and efficient operation, creating a practical aircraft that is equally at home in a flight school fleet or a private owner's hangar.

SPECIFICATIONS

General Information

Model	**Vashon Ranger R7**

Engine & Power Systems

Engine	**Continental O-200D**
Engine Type	**Naturally Aspirated, Air-Cooled, Four-Cylinder Horizontally Opposed Piston Aircraft Engine**
Horsepower	**100 HP**
Propeller Type	**Fixed-Pitch Two-Blade Composite Propeller**

Avionics & Equipment

Avionics	**Dynon SkyView HDX Integrated Glass Cockpit System**
Autopilot	**Optional Dynon Two-Axis Autopilot**

Airframe & Exterior

Length	**21 ft 11 in (6.68 m)**
Wingspan	**32 ft 9 in (9.98 m)**
Height	**7 ft 5 in (2.26 m)**

Performance & Specifications

Cruise Speed	**117 KTAS**
Range	**501 nm**
Fuel Capacity	**28.1 gal (106 L)**
Service Ceiling	**12,000 ft**
Rate of Climb	**833 fpm**

PHOTOGRAPHS

8 of 9 photographs reproduced here. The complete gallery is on the listing page.

EXTERIOR




RANGER
AI-ENHANCED IMAGE


R7
AI-ENHANCED IMAGE



MECHANICAL


RANGER
AI-ENHANCED IMAGE


RANGER
AI-ENHANCED IMAGE



INTERIOR


AI-ENHANCED IMAGE

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