RV-12iS

### Van's Aircraft

**NOW MEET THE**

Demonstration Rides

Van's Aircraft offers RV-12iS demonstration rides at our factory location located in Aurora, Oregon. In addition, there are a number of RV-12s in use at flight schools around the country to help you see what flying this airplane is all about. See the flyrv12.com website for details!
Yes, Van’s Aircraft is now offering the Rotax fuel injected 912is as an engine option!

Benefits of Rotax’s latest 912 Series power plant:
- Improved fuel economy
- Improved climb rate
- Easier installation
- Easier maintenance: no carburetor balancing and CAN error diagnostics
- Extra electrical power available allows more lighting and NAV equipment options for flight schools

But that is just the beginning!

We have listened and learned since 2008, and are proud to announce that Van’s has made many improvements to the RV-12 airframe and systems based on real world customer feedback. Among these:
- Newly designed cowling with forward mounted coolers. Easier to remove, plus it yields greater cooling on the ground and in the climb.
- New thruster quadrant design which eliminates the need for special carb return springs in the S124A5 model engine.
- New and improved landing main landing gear attachment. More rugged and better suited to the training environment. Check out our video on the gear tear off test. Unbelievable!
- New transversely mounted fuel tank gives more baggage volume and easier loading. Makes inspections and maintenance much easier.
- Same tank capacity but has much less unusable fuel in climb. Larger fuel filler neck mounted below the Plexiglas rear window on the cockpit side.
- Newly designed adjustable seats.
- Electric Flaps

Other features that set the RV-12iS apart:
Removeable wings. The RV-12iS was designed from the start to be “trailer able”. Light, easily removable wings make it practical to keep the airplane at home or in the corner of the hangar where nothing else fits.

Shortest time to build: we conservatively estimate the builder will spend 700-800 hours to complete an unpainted RV-12iS

The culmination of 40 years experience...
manufacturing the best aircraft kits available. The result is an exceptionally complete kit with parts that fit very well.
All metal parts have prepunched fastener holes.
All hardware and rivets are included.
Every detail of the engine installation, instrument panel, fuel system, landing gear and airframe is carefully designed and documented for building ease and performance.

Kit Assembly Instructions are composed of computer generated, exploded isometric representations with step by step instructions on each page.
Sold in six separate subkits, no need to buy the whole airplane at once.

A Technologically Advanced Panel

The RV-12iS offers two choices of EIS panels: a Dynon HDX Touch or a Garmin GI27x Touch configurable as single or dual displays.
These feature synthetic vision, GPS navigation, Mode S transponder with ADSB Out, AOA indicator, Flight planning and Engine Management System to name a few.
A Garmin GTR 225B radio/intercom, AGX ELT and an ergonomically designed switch & fuse panel complete the package.
Options for ADSB in/out, dualaxis autopilot and Garmin GTN 650 navigator are available.
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- Easier maintenance: no carburetor balancing and CAN error diagnostics
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But that is just the beginning!

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- Newly designed cowling with forward-mounted coolers. Easier to remove, plus it yields greater cooling on the ground and in the climb.
- New throttle quadrant design which eliminates the need for special carb return springs in the 912iS model engine.
- New and improved landing main landing gear attachment. More rugged and better suited to the training environment. Check out our video on the gear tear off test. Unbelievable!
- New transversely mounted fuel tank gives more baggage volume and easier loading. Makes inspections and maintenance much easier.
- Same tank capacity but has much less unusable fuel in climb. Larger fuel filler neck mounted below the Plexiglas rear window on the cockpit side.
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