

Van's Aircraft Standard kit, sliding canopy

First flight May 2010

700.5 hours Total time engine, propeller and airframe (as of 05/2026)

Empty weight 1099#, gross weight 1750#

Fuel capacity 36 gallons (18 in each wing tank)

Last Condition Inspection 5/11/2026

### **Engine**

- Superior O-320-D2A Built by Aerosport Power 2009 (S/N 1063-SPS)
- Cylinder compressions (7/2025): #1-78, #2-78, #3-78, #4-78
- Slick magneto (rebuilt 8/2020)
- Champion Aviation Plugs #UREM37BY on bottom
- Lightspeed Plasma II electronic ignition, NGK BR8ECM top plugs (replaced 7/2024)
- Marvel-Schebler carburetor #10-5217
- Vetterman exhaust system
- Andair Gascolator
- B & C 40 A alternator, Belt #XL 7360 (replaced 3/2019)
- KN Air filter and reinforced filtered air box
- Concorde RG-25XC battery (replaced 12/2021)
- Sensenich fixed pitch propeller #70CM7S9-0(79)
- Sky-Tec Starter - #149NL
- McFarlane Cowl Saver baffle seals (2020)
- Anti Splat cowl cooling flap w/cockpit switch
- Anti Splat oil cooler shutter w/cockpit control
- Facet 40108 electric fuel boost pump
- Engine Primer System, electric
- Emergency Alternate Air intake w/cockpit control
- Oil Quick Drain valve on sump
- All fuel and oil hoses replaced with TS Flightlines Teflon hoses with Firesleeve (8/2022)
- McFarlane Safe Heat #700 oil sump heater (11/2022) with extension cord and heat control
- JPI probes and harnesses for all engine parameters

## **Panel/Cockpit Interior**

- GRT Sport SX EFIS w/ GPS
- JPI EDM-930 engine monitor (03/2026)
- Tru-Trak Digiflight II 2 axis autopilot
- Garmin SL 40 VHF comm radio (repaired by Garmin 8/2022)
- Garmin GTX-327 transponder (recertified 9/2024)
- UAavionix Echo UAT ABS-B in/out
- Flightcom 403 stereo intercom with music input jack
- ACK E-04 ELT w/GPS & remote panel (installed 4/2021, main battery replaced 9/2025)
- Precision PAI 700 vertical card compass
- Lift Reserve Indicator AOA gauge (pitot on right wing)
- Ray Allen electric elevator trim w/2 speed controller & panel indicator
- Van's Manual Aileron trim system
- Show Planes Flap Positioning System
- Andair fuel selector valve #FS20x3-F
- Bose X headsets - pilot & copilot with cases
- Steam gauge altimeter & airspeed indicators
- CO Guardian #352 CO2 warning system
- iPad Mini attach bracket with dedicated USB-C power supply cable
- H3R dual halon fire extinguisher (replaced 9/2025)
- Alternate Static Air port under panel
- Anti Splat Aero Rudder pedal extensions (pilot side)
- Classic Aero Design Sportsman Ultra Microfiber seats & side panels
- Classic Aero Design carpet set: footwell & baggage area
- Custom quilted Makore veneer instrument panel and trim
- Custom between seat storage box with armrest
- Koger sliding sun shade
- Custom pilot side rear view mirror
- Custom SS toggle switch guards
- Map box on right side instrument panel

## **Electric/Lighting**

- B&C LR3D-14 voltage regulator
- 12 volt fuse panels with separate Endurance Bus switch (fuse panel accessible from right side instrument panel)
- Spare fuses in custom holder

- Creativair LED position lights on wingtips
- Creativair 35 W HID landing lights in wing tips
- Creativair AV-Pak strobes: left, right, tail
- Cockpit lights
- USB-A power outlets -3: left & right side panel and baggage area

## **Airframe**

- Main Tires - Aero Classic 5:00x5, new 3/2020
- Nose Wheel Tire - Lamb, new 1/2017
- Tubes - Michelin Airstop - new 2020
- Brakes Cleveland 199-102- replaced shoes 03/2026
- Matco Nosewheel axle upgrade 2018
- Stewart-Warner 385B-C fuel level float senders in fuel tanks
- Dynon pitot tube (unheated)
- 5 point seat belt harness system, pilot & copilot side
- Sherwin Williams Acryl-Glo paint (White #W01538 & Flight Red #W07432). Awlgrip Medium Silver #F1265
- All interior aluminum surfaces etched and prime painted
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## **Miscellaneous**

- Tow Bar - Bogert Aviation, replaced 11/2023
- Sportys PJ2 handheld backup VHF comm radio, custom mount in baggage area
- Fuel sump collector cup and 2 fuel tank dipsticks
- Lightweight canopy cover
- Bison Mountain cargo area storage bag; attaches behind passenger seat
- Wheel chocks, 2 sets
- Wing tie down ropes
- Cowl plug set
- Remove Before Flight streamers (3)

- Custom rudder gust lock
- AirGizmos gust locks - 2 (ailerons & elevators)
- ACR Survival & First Aid kit
- Custom canopy hold open latch
- Custom knee board bracket
- Custom wood trim and accents
- Ram Mount phone bracket in cockpit
- Emergency egress hammer/canopy breaker tool mounted between seats
- BatteryMINDER auxiliary charger #12248-AA-S2 (charging port accessible through oil door on cowling)
- Building plans and manuals
- Electrical system wiring schematic
- Equipment manuals and documentation
- Condition Inspection documents
- Operating Limitations Document (stored in map box)
- Pilot Operating Handbook, spiral bound
- Oil analysis files
- Log books; engine, propeller, airframe
- Weight and balance documents

## **Squawks**

- Some minor hangar rash and paint blemishes. The plane has always been hangared.
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