

N612KS – Vans RV7A – Equipment List

Updated: July 2026

First flight 2/6/2010

Last condition inspection 11/2025



Firewall Forward

2150 TTSN IO-360 with 9:1 pistons, nitride cylinders, roller tappets, and hollow crank built by Barrett Precision Engines, Tulsa, Oklahoma

700 TTSN Catto 3-blade prop, 76in pitch ("Good all-around") with nickel leading edge Superior cold air sump

Oil quick drain

Rod Bower induction

Electric oil pan heater

Vans oil cooler shutter

1 E-mag/1 Slick mag (IRAN completed June 2026)

2 B&C alternators (60A & 20A) / 2 batteries - not set up as primary/backup. 2 alts/2 batts run 2 independent systems, bus1 and bus2. They both feed an avionics bus through diodes. This setup is about as redundant as you can get on a small SE airplane. The 2 buses can be tied also, so either alternator can support both buses.

GRT EIS 4000 engine monitor

Airframe and Avionics

2150 TTSN – Quick-build kit from Vans ordered Feb 2007 (operated regularly) Tip-up canopy

Panel professionally built by Avionics Systems, Leesburg, VA

First time painted – January 2020

Full professional wiring diagram

Full oil report history from Blackstone Laboratories

Airplane was finished under the watchful eye of Jay Pratt in Fort Worth Grand Rapids HX EFIS with dual AHRS

PS-Engineering PMA-8000B

Garmin 430W

Garmin SL-30 nav/com

Garmin GTX-330ES

Garmin GPS 696 (panel mounted) - XM music and weather via the

696 ADSB in/out (GDL-39) -in info displays on the 696
TruTrak Digiflight 2 VSGV autopilot for fully coupled approaches
Heated pitot
Electric pitch trim, aileron trim, and flaps
2 HID landing lights
Internally lit Honeywell switches with LED backlighting
2.25" back-ups: airspeed, altimeter, trutrak adi, CDI (driven by
sl-30) Dual Stratus USB plugs
Full Custom Leather Interior and Seats by Lemke
 Heated seats and inflatable lumbar support, both sides
New Classic Aero carpet installed front and back in 2026
Andair fuel valve
Bose LEMO powered headset plug, pilot side
Plumbed for O2 -just add bottle
LED baggage compartment light
Pitot/Static/Xponder check due 7/2028
ELT Battery due 12/2026
Annual in-cylinder borescope inspections, reviewed by SAVVY Aviation

Extras include:

Brand New Two-Tone Paint – Jan. 2020
Smoke System on both exhaust pipes + anti-dribble; Smoke Master on dash, Smart
Toggle on grip
Anti-Splat - Almost a RV14 Seat Mod (extended back seat option)
Anti-Splat Nose Job 2.0 Front Fork Stiffener
Anti-Splat Exit Bar
Anti-Splat Sealed Main Wheel Bearing Mod
Anti-Splat Sealed Nose Wheel Bearing Mod
RAM Air High Altitude Filter Bypass
GAMI balanced injectors
Kroger sunshade
Bruce's custom canopy cover
Carbon fiber cup holders in each gear weldment
RAM tablet mount secured to panel
Starlink 12V power and power supply installed for baggage area antenna