"TOTAL PERFORMANCE" SPECIFICATIONS and PERFORMANCE

| Span 19" 11" 23" 0" 25" 0" 25" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23" 0" 23" 0" 28" 0" 23 | SPECIFICATIONS | | | | | | | | | | | |
|--|--|---------------|------------------|------------------|----------------|---------------|----------------|-------------------|------------|-----------|-----------|----------|
| Span | | T | RV-3 | RV-4 | RV-7 | RV-7A | RV-8 | RV-8 | 3 <i>A</i> | RV-9 | 9 | RV-9A |
| Length | Span | | | | | | | | | | | 28' |
| Height | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | |
| Wing Area (sq. ft) | | | | | | | | | | | | 7' 10" |
| Empty Weight (bs.) 750 906 11114 1130 1120 1120 1043 1 Gross Weight (bs.) 1100 1500 1800 1800 1800 1800 1750 1 Wing Loading (br/sq. t) 12.22 13.64 15.00 15.00 16.36 16.36 14.1 1 Power Loading (br/sq. t) 12.22 13.64 15.00 15.00 16.36 16.36 14.1 1 Power Loading (br/sq. t) 12.22 13.64 15.00 15.00 16.36 16.36 14.1 1 Power Loading (br/sq. t) 12.22 13.64 15.00 9.0 9.0 9.0 9.0 10.9 1 Engine (hp) 150 160 200 200 200 200 100 150 150 150 160 200 200 200 150 150 150 150 150 150 150 150 150 1 | <u> </u> | | | | + | - | | | | | | 124 |
| Gross Weight (tbs.) | - | | | | | _ | | | | | | 1071 |
| Wing Loading (tb/sq. ft) | | | | | + | _ | | | | | | 1750 |
| Power Loading (lbhp) | <u> </u> | | | | | _ | | | 3.36 | | | 14.1 |
| Prop type (fixed-pitch or constant speed) | 0 0 1 7 | | 7.3 | | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 1 | |) | 10.9 |
| Prop type (fixed-pitch or constant speed) | O \ 17 | | 150 | 160 | 200 | 200 | 200 | 200 | 200 | | | 160 |
| Baggage (lbs, approx.) 30 30 100 100 125 125 100 | | | fixed | fixed | c/s | c/s | c/s | c/s | c/s f | | 1 | fixed |
| PERFORMANCE (see Van's website or Info Pack for performance data with other engine options.) | | | 30 | 32 | 42 | 42 | 42 | 42 | 42 | | | 36 |
| Top Speed (all speeds in statute mph) | • | | 30 | 30 | 100 | 100 | 125 | 12 | 125 | | | 100 |
| Top Speed (all speeds in statute mph) | | ee Van's v | website or li | nfo Pack fo | r performa | nce data v | with other e | ngine optic | ons.) | | | |
| Cruise (55% @ 8000') 176 173 186 183 189 187 168 Stall speed (solo weight) 51 52 51 51 51 52 44 Takeoff Distance (it, solo weight) — 260 250 250 250 250 300 Takeoff Distance (it, solo weight) — 260 250 250 250 250 300 Takeoff Distance (it, solo weight) 300 450 500 500 500 500 475 Landing Distance (it, solo weight) — 300 350 350 350 350 300 Landing Distance (it, solo weight) — 2050 2550 2450 2700 2500 2000 Rate of Climb (it/min, solo weight) — 2050 2550 2450 2700 2500 2000 Rate of Climb (it/min, solo weight) — 2050 1650 1900 1850 1900 1800 1450 1 Ceiling (gross weight) 23,500 19,500 22,500 21,500 21,500 19,000 18 Range (statute miles, 75% @ 8000') 595 640 765 755 780 770 710 Range (statute miles, 55% @ 8000') 715 790 935 925 940 930 860 PRICES RV-3 RV-4 RV-6 RV-6A RV-7 RV-7A RV-8 RV-8A RV-9 REVIEW PLANS (required with \$45 \$50 \$55 \$55 \$55 \$55 \$55 \$55 \$55 \$55 \$5 | | | | | 1 | _ | | _ | T T | | | 194 |
| Cruise (55% @ 8000') 176 173 186 183 189 187 168 Stall speed (solo weight) 51 52 51 51 51 52 44 Takeoff Distance (ft, solo weight) — 260 250 250 250 250 300 : Takeoff Distance (ft, solo weight) — 300 450 500 500 500 500 475 Landing Distance (ft, solo weight) —— 300 350 350 350 350 300 Landing Distance (ft, solo weight) —— 300 350 350 350 350 300 Landing Distance (ft, solo weight) —— 2050 2550 2450 2700 2500 2000 1 Rate of Climb (ft/min, solo weight) — 2050 2550 2450 2700 2500 2000 1 Rate of Climb (ft/min, gross weight) 2050 1650 1900 1850 1900 1800 1450 1 Ceiling (gross weight) 23,500 19,500 22,500 21,500 22,500 21,500 19,000 18 Range (statute miles, 75% @ 8000') 595 640 765 755 780 770 710 Range (statute miles, 55% @ 8000') 715 790 935 925 940 930 860 PRICES RV-3 RV-4 RV-6 RV-6A RV-7 RV-7A RV-8 RV-8A RV-9 REVIEW PLANS (required with) \$45 \$50 \$55 \$55 \$55 \$55 \$55 \$55 \$55 \$55 \$5 | | | | | + | | 212 | 210 | | | | 186 |
| Takeoff Distance (ft. solo weight) — 260 250 250 250 250 300 300 31 Takeoff Distance (ft. gross weight) 300 450 500 500 500 500 500 475 4 Landing Distance (ft. solo weight) — 300 350 350 350 350 300 350 Landing Distance (ft. solo weight) — 300 350 350 350 350 300 350 350 300 350 Landing Distance (ft. gross weight) 350 425 500 500 500 500 550 450 Rate of Climb (ft/min, solo weight) — 2050 2550 2450 2700 2500 2000 1 Rate of Climb (ft/min, gross weight) 2050 1650 1900 1850 1900 1800 1450 1 Ceilling (gross weight) 23,500 19,500 22,500 21,500 22,500 21,500 19,000 18 Range (statute miles, 75% @ 8000) 595 640 765 755 780 770 710 Range (statute miles, 55% @ 8000) 715 790 935 925 940 930 860 PRICES RV-3 RV-4 RV-6 RV-6A RV-7 RV-7A RV-8 RV-8A RV-9 REVIEW PLANS (required with \$45 \$50 \$55 \$55 \$55 \$55 \$55 \$55 \$55 \$55 \$5 | , | | 176 | 173 | 186 | 183 | 189 | 187 | 187 1 | | | 166 |
| Takeoff Distance (ft, gross weight) 300 450 500 500 500 500 475 45 45 450 450 450 450 450 450 450 450 | | | 51 | 52 | 51 | 51 | 51 | 52 | 52 | | | 44 |
| Landing Distance (ft, solo weight) — 300 350 350 350 350 350 300 : Landing Distance (ft, gross weight) 350 425 500 500 500 550 450 450 425 A250 2500 2550 2450 2700 2500 2000 1 Rate of Climb (ft/min, solo weight) — 2050 1650 1900 1850 1900 1800 1450 1 Ceiling (gross weight) 23,500 19,500 22,500 21,500 22,500 19,000 18 Range (statute miles, 75% @ 8000') 595 640 765 755 780 770 710 710 710 710 710 710 710 710 71 | Takeoff Distance (ft, solo weight) | | _ | 260 | 250 | 250 | 250 | 250 | 250 3 | | | 300 |
| Landing Distance (ft, gross weight) 350 425 500 500 500 550 450 A25 A25 A250 A250 A250 A250 A250 A250 | Takeoff Distance (ft, gross weight) | | 300 | 450 | 500 | 500 | 500 | 500 | 500 4 | | | 475 |
| Rate of Climb (ft/min, solo weight) — 2050 2550 2450 2700 2500 2000 1 Rate of Climb (ft/min, gross weight) 2050 1650 1900 1850 1900 1800 1450 1 Ceiling (gross weight) 23,500 19,500 22,500 21,500 21,500 19,000 18 Range (statute miles, 75% @ 8000') 595 640 765 755 780 770 710 710 Range (statute miles, 55% @ 8000') 715 790 935 925 940 930 860 360 PRICES RV-3 RV-4 RV-6 RV-6A RV-7 RV-7A RV-8 RV-8A RV-9 REVIEW PLANS (required with) \$45 \$50 \$55 \$55 \$55 \$55 \$55 \$55 MPENNAGE KIT \$1125 \$1475 N/A N/A \$1825 \$1805 \$1805 \$1845 MING KIT \$5870 \$6450 \$6610 <td colspan="2">, , , , , ,</td> <td>_</td> <td>300</td> <td>350</td> <td>350</td> <td>350</td> <td>350</td> <td colspan="2">350 3</td> <td></td> <td>300</td> | , , , , , , | | _ | 300 | 350 | 350 | 350 | 350 | 350 3 | | | 300 |
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| Ceiling (gross weight) 23,500 19,500 22,500 21,500 22,500 21,500 19,000 18 Range (statute miles, 75% @ 8000') 595 640 765 755 780 770 710 710 Range (statute miles, 75% @ 8000') 715 790 935 925 940 930 860 30 PRICES RV-3 RV-4 RV-6 RV-6A RV-7 RV-7A RV-8 RV-8A RV-9 REVIEW PLANS (required with efforce unpennage kit) \$45 \$50 \$55 \$55 \$55 \$55 \$55 \$55 MPENNAGE KIT \$1125 \$1475 N/A N/A \$1825 \$1805 \$1805 \$1845 MING KIT \$5870 \$6450 \$6610 \$6610 \$7765 \$7565 \$7565 \$8225 USELAGE KIT \$3860 \$4540 \$5415 \$6165 \$6410 \$7145 \$7815 \$7140 \$6340 INISHING KIT \$16,275 | ` ; | | _ | 2050 | 2550 | 2450 | 2700 | 250 | 2500 20 | |) | 1900 |
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| Range (statute miles, 55% @ 8000') 715 790 935 925 940 930 860 PRICES RV-3 RV-4 RV-6 RV-6A RV-7 RV-7A RV-8 RV-8A RV-9 REVIEW PLANS (required with efore empennage kit) \$45 \$50 \$55 \$55 \$55 \$55 \$55 \$55 MPENNAGE KIT \$1125 \$1475 N/A N/A \$1825 \$1825 \$1805 \$1805 \$1845 VING KIT \$5870 \$6450 \$6610 \$6610 \$7765 \$7765 \$7565 \$8225 USELAGE KIT \$3860 \$4540 \$5415 \$6165 \$6410 \$7145 \$7815 \$7140 \$6340 INISHING KIT \$5375 \$5805 \$6950 \$7190 \$6910 \$7135 \$5980 \$6995 \$7005 OMPLETE STANDARD KIT \$16,275 \$18,320 N/A N/A N/A N/A \$34,405 \$35,365 \$34,660 \$35,000 \$34,910 | Ceiling (gross weight) | | 23,500 | 19,500 | 22,500 | 21,500 | 22,500 | 21,5 | 21,500 19 | | 0 | 18,50 |
| PRICES RV-3 RV-4 RV-6 RV-6A RV-7 RV-7A RV-8A RV-8A RV-9 REVIEW PLANS (required with efore empennage kit) \$45 \$50 \$55 | Range (statute miles, 75% @ 8000') | | 595 | 640 | 765 | 755 | 780 | 770 | 770 7 | | | 700 |
| ### PLANS (required with sefore empennage kit) \$45 | Range (statute miles, 55% @ 8000') | | 715 | 790 | 935 | 925 | 940 | 930 |) | 860 | | 850 |
| ### ### ### ### ### ### ### ### ### ## | PRICES | RV-3 | RV-4 | RV-6 | RV-6A | RV-7 | RV-7A | RV-8 | RV-8 | BA | RV-9 | RV- |
| ### \$1125 \$1475 N/A N/A \$1825 \$1825 \$1805 | REVIEW PLANS (required with efore empennage kit) | \$45 | \$50 | \$55 | \$55 | \$55 | \$55 | \$55 | \$55 | 5 | \$55 | \$5 |
| ### USELAGE KIT \$3860 \$4540 \$5415 \$6165 \$6410 \$7145 \$7815 \$7140 \$6340 \$1018HING KIT \$5375 \$5805 \$6950 \$7190 \$6910 \$7135 \$5980 \$6995 \$7005 \$16,275 \$18,320 N/A N/A \$22,965 \$23,925 \$23,240 \$23,580 \$23,470 \$16,0000 \$16,0000 \$16,0000 \$16,0000 \$16,0000 \$16,0000 \$16,0000 \$16,0 | MPENNAGE KIT | \$1125 | \$1475 | N/A | N/A | \$1825 | \$1825 | \$1805 | \$180 |)5 5 | \$1845 | \$18 |
| \$5375 \$5805 \$6950 \$7190 \$6910 \$7135 \$5980 \$6995 \$7005 | VING KIT | | | \$6610 | | | | | | | | \$82 |
| ## Signature \$5375 \$5805 \$6950 \$7190 \$6910 \$7135 \$5980 \$6995 \$7005 | USELAGE KIT | \$3860 | \$4540 | \$5415 | \$6165 | \$6410 | \$7145 | \$7815 | \$714 | 10 | \$6340 | \$70 |
| **COMPLETE QUICKBUILD KIT Includes QB wing & fuselage kits) N/A N/A N/A N/A N/A N/A N/A N/ | INISHING KIT | \$5375 | \$5805 | \$6950 | \$7190 | | \$7135 | \$5980 | \$699 | 95 | \$7005 | \$72 |
| Add \$5770 to Wing Kit price for RV-7/8/9 and \$5990 for RV-3 QB Wing Kits. No QB Wing available for RV-4 or RV-6. | OMPLETE STANDARD KIT | \$16,275 | \$18,320 | N/A | N/A | | \$23,925 | \$23,240 | \$23,5 | 80 \$ | 23,470 | \$24, |
| Add \$5770 to Wing Kit price for RV-7/8/9 and \$5990 for RV-3 QB Wing Kits. No QB Wing available for RV-4 or RV-6. | | | N/A | N/A | | | | | | | | \$35, |
| /BUILD FUSELAGE KIT ONLY Add \$5770 to Fuselage Kit price for RV-7/8/9 and \$5975 for RV-6 QB Fuselage Kits. No QB Fuselage available for RV-3 or | | Add \$5770 to | Wing Kit price f | or RV-7/8/9 and | \$5990 for RV | -3 QB Wing Ki | ts. No QB Wing | g available for F | RV-4 or R | V-6. | | |
| | /BUILD FUSELAGE KIT ONLY | Add \$5770 t | to Fuselage Kit | t price for RV-7 | 7/8/9 and \$59 | 75 for RV-6 (| QB Fuselage K | its. No QB F | uselage | available | e for RV- | 3 or RV- |

PRICES: Prices are subject to change without notice. Prices do not include crating or shipping charges. More detailed ordering information, order forms, and current prices are available on request, in the Information Pack, or on the Van's Aircraft, Inc. website. Visa, Discover, or Master<u>Card accepted</u>. FAX or e-mail orders 24 hours.



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"TOTAL PERFORMANCE"

Introducing the RV-3 through RV-9



A LITTLE HISTORY...

We've been at this a long time.

Founder Richard (Van) VanGrunsven established Van's Aircraft, Inc. in 1970. The first aircraft kits were offered in 1973. Since then the company has produced the most successful line of kit aircraft — ever. Thousands of RV kits have been completed and flown, with increasing numbers under construction. Obviously many more will be flying soon. Over the last several years, new airplanes have flown at a rate of 1.5 per day!

First came the single-seat RV-3. Its outstanding performance and reasonable cost gained it an enthusiastic following.

Customers soon demanded a two-place airplane with similar characteristics so Van's responded with the RV-4. Tandem seating provided lower drag, superior visibility, and better overall sportiness. The RV-4 became an immediate favorite.

In the late 1980s, the market shifted toward touring, rather than pure sport, airplanes. In response, Van's developed the side-by-side RV-6. A tri-gear version, the RV-6A, was soon developed to better fill the needs of the modern pilot.

In 1995, Van's introduced the RV-8 and the tri-gear RV-8A, a new tandem design. Roomier than the RV-4, it had two baggage compartments, more panel space, and the option for more power. With 200 hp, it was the fastest yet, but it still handled like an RV.

In 1999, Van's flew a new airplane emphasizing flying simplicity and efficiency over speed and aerobatics. The side-by-side RV-9A combined an RV-6 cabin with a completely new wing. Intended as a efficient, fun "weekend" flying machine, the RV-9A turned out to be an excellent cross-country airplane as well. A tailwheel version, the RV-9, was introduced in 2002.

In 2001 Van's introduced the side-by-side RV-7/7A — a much easier to build successor to the RV-6. Wing span, useful load, and fuel capacity were all increased. Engine options expanded to include the 200 hp Lycoming. The RV-7/7A flies much like the RV-6 or RV-8, with the same excellent handling and aerobatic capabilities.

In the following years the RV-10, RV-12 and RV-14 were added — airplanes different enough that they are described in their own flyers.

THE AIRPLANES

Forty years ago Van coined the term "Total Performance" to describe his goals in aircraft design. We still haven't come up with a better term. RVs are not simply "go-fast" machines. They are also aerobatic (the RV-9/9A excepted) and have outstanding low speed handling/short-field capability; a rare combination. The controls are light, responsive, and beautifully harmonized. The characteristic that sticks in pilots' minds, though, is how much *fun* they are to fly.

THE REAL WORLD: All the performance and handling in the world doesn't matter if you can't fit in the cabin or take anything with you when you travel. RV cockpits will comfortably accept pilots up to 6'4" (the RV-8/8A will fit even if you're 6'8"). Comfort (and safety) is enhanced by outstanding in-flight visibility. Ground visibility is so good that even tailwheel RVs require little S-turning while taxiing.

Baggage compartments hold useful amounts of camping or traveling gear. Two people can take a realistic amount of baggage to destinations served by either big paved runways or short grass airstrips.

THE ENGINES: Two-seat RVs are designed to use Lycoming-style engines developing between 118 and 200 horsepower. The RV-3 and RV-9/9A take 118 -160 hp, the RV-4 accepts 150-180 hp. The RV-7/7A and RV-8/8A use 150-200 hp.

THE PROJECT: Building an RV requires a modest array of tools and a comfortable space about the size of a two-car garage. It does not require any special skill. Most RVs have been completed by people with no aircraft building background at all.

Building an RV does demand attention, commitment and perseverance. It is a large project that will put you through every imaginable emotion. It is unlikely that you will do everything you are doing today and build an airplane, too. It will require some sacrifice, but when you finish, you will have a unique high-performance airplane that you understand completely. Many builders describe building and flying an RV as one of the most satisfying things they have ever done.



THERE'S A LOT OF HELP OUT THERE

PLANS: A comprehensive plans and construction manual that comes with the kit. RV plans packages consist of two components: "Preview" Plans and Construction Plans. "Preview" Plans include a full set of 11" x 17" drawings, a Builder's Manual, and an Accessories Catalog, all in a loose-leaf binder. Preview Plans give the potential or beginning builder an overview of the entire aircraft. They contain preliminary information that is not repeated in the Construction Plans, so purchase is required before beginning construction.

Construction Plans consist of large 24" x 36" drawings and a Builder's Manual. They are included with each sub-kit, making it possible to include the latest updates.

SUPPORT FROM THE FACTORY: The Builder's Assistance help line is staffed by Van's employees, all of whom have built their own RVs in their own shops. Construction questions via phone, e-mail or letter are answered promptly.

OPTIONAL PARTS: Van's Accessories Catalog offers a wide array of items to help you complete and equip your airplane exactly the way you want it.

BUILDER'S GROUPS: RV builders often band together to provide each other assistance in building and flying their aircraft. Many of these groups are highly organized, with regular meetings, newsletters, tool banks and fly-in events. Contact Van's for a list of RV builders — there is probably somebody building or flying one nearby.

BUILDER'S ASSISTANCE CENTERS: The popularity of RVs has given rise to a number of companion businesses. Several Builder Assistance Centers have been established where new builders can come and build their aircraft under an experienced. watchful eve. Programs run the gamut from one day introductory classes to 7-day build-an-empennage sessions to full assistance throughout the project. They may even include transition flight training. These programs can dramatically reduce building times — and frustrations.

THE INTERNET: The Internet provides a way to communicate with RV builders all over the world. There is a wealth of websites, discussion groups, photo albums and links concerning RVs out there in cyberspace. Managed by RV-6 builder Doug Reeves, www.vansairforce.net has become the premier website in the RV builders world.

Properly used, the net is a wonderful tool, connecting problems and solutions around the world.

SOUND INTERESTING? If it sounds like we are proud of our airplanes, just wait until you experience the excitement and enthusiasm of those who have built and flown them. The "RV Grin" (often seen in the 'First Flights' section of the website) will give you some idea of how they

To learn more:

- Order our comprehensive Info/DVD. The written material includes a thorough explanation of RVs, their background, performance, construction and ordering information. A 35 minute video, The RV Story, shows many aspects of RV flying and building.
- Visit our website at www.vansaircraft.com. It includes our complete Accessories Catalog, order forms, current news and links to other sites.
- Join an EAA Chapter or RV Builders Group and meet RV I builders and pilots. There is no better source of information \ than someone who has just built an RV.
- Stop by and pay us a visit. We'll show you our factory, and explain the kits. Weather and time permitting, we'll take you for a demo ride.

You may never look at an airplane the same way again.









On the 'Other' coast? Van's is located in the Northwest corner of America, so we've enlisted an East Coast Representative. Mitchell Lock offers sales assistance and demo rides in the RV-10 and RV-12 (shown below) from his home base at St. Mary's Regional Airport (26W), Hollywood, Maryland, near Baltimore and Washington, D.C. Contact Mitch for an appointment.

E-mail: mitchl@vansaircraft.com

Phone: 240-427-8847



Standard kits are divided into four sub-kits. They can be ordered in any combination, but most builders order them one at a time, starting with the empennage. Each kit includes all the necessary rivets, nuts, bolts, washers and other hardware.

- Empennage: Contains ribs, spars, and skins for the elevators, rudder, horizontal and vertical stabilizers and trim tab. For the RV-7/8/9 these components are matched-hole punched for all fasteners, so they align with no jigging or measuring. (RV-3/4 empennages are not matched-hole punched.) Welded control horns and fiberglass tips are included.
- Wing: Main wing spars are completely fabricated and anodized for corrosion resistance (pre-fabricated spars are optional on the RV-4). They are fitted, drilled and reamed to exactly match the similarly anodized fcenter section in the fuselage. All ribs, stringers, spars and skins for the wings, ailerons and flaps on the RV-7/8/9 are matched-hole punched so no jigging is required. Fuel and vent lines, filler caps, control pushrods and fuel drains are provided. Powder-coated steel bellcranks and fiberglass wing tips are sup-
- Fuselage: Contains the bulkheads, ribs, skins, and firewall for the metal fuselage. It also includes controls and pushrods, rudder pedals, seat backs, fuel lines and more. RV-3/4 fuselages must be jigged and drilled by the builder. All RV-7/8/9 fuselage kits are matched-hole punched. No jigs are required.
- Finishing: Contains the canopy, canopy frame, engine mount, landing gear legs, new wheels, brakes, master cylinders, pressure lines with fittings, tires and tubes. Also included are the cowling, spinner, and all the various fairings.

WHAT WE DO

Sheet aluminum parts are vinyl-coated, punched, sheared, bent, heat-treated, rolled, milled and formed in our modern facility on the Aurora, Oregon airport. Steel parts are formed and professionally welded. After all the welding, reaming, drilling and other processes are complete, most steel components are powder coated.

Fiberglass components, canopies, landing gear components, etc. are sub-contracted to expert manufacturers. RV components are usually their primary product. Close communication insures excellent quality and steady supply.

WHAT THE BUILDER DOES

Building an RV from the Standard Kit is a process of assembly, not manufacture. The builder takes the manufactured parts and prepares them for assembly by doing some minor straightening, smoothing edges, deburring holes, etc.

After preparation, the structure is riveted and bolted together.

Paint, upholstery and interior appointments are very personal choices, so these are left to the builder.

Once the basic airframe is complete, the builder installs the engine, the propeller and the instrument panel. There are many choices here, but the beauty of kit aircraft is that builders can optimize the powerplant, propeller and panel to suit themselves.



QUICKBUILD KITS

If you are considering an RV-7/7A, RV-8/8A, or RV-9/9A and you want to be in the air as soon as possible, there is no better value than the QuickBuild Kit.

We estimate the QuickBuild Kit cuts construction time by 35-50%. In fact, when it was first introduced, prospective customers had a difficulty thinking of it as a "kit." It looks more like a completed airframe than a kit—and in many ways, it is. About 75% of the riveting and other airframe assembly work is done.

The QuickBuild Kit may be ordered in several versions:

- The Full QuickBuild Kit contains both wings and the fuselage, partially assembled, with the necessary materials and parts to complete these assemblies.
- The "Wing-Only" QuickBuild Kit contains partially completed wings and the parts necessary to complete them. Builders may choose to continue with the Standard Fuselage Kit or ao with...
- The "Fuselage-Only" QuickBuild Kit contains the partially assembled fuselage and parts needed to complete it...

Many QuickBuild kits are now flying, some completed in as little as seven months. When you consider the time saved and the quality of the finished product, the QuickBuild Kit has to rate as one of the best values in aviation today.

WHAT WE DO

Just as in the Standard Kit, Van's manufactures virtually all the components of the airframe. The finished airplane will be the same. regardless of which kit is used to build it.

RV airframe components are sent to an assembly plant, where a crew of highly experienced technicians assemble wings and fuselages to QuickBuild status, then return the completed assemblies to Van's Aurora facility for inspection and shipping to the customer.

Wings are largely complete. The fuel tanks are assembled and pressure checked. Ailerons and flaps are complete. The leading edge and three (of four) main skins are riveted.

Fuselages arrive looking like an aluminum canoe. All bulkheads, firewall, and lower skins and one aft top skin are riveted.

WHAT THE BUILDER DOES

QuickBuild Kits begin exactly the same way Standard Kits begin...the builder builds the empennage from the Standard Empennage Kit.

Things get much simpler after that. The wings go quickly as the builder installs the remaining skin on the wing and installs the control system and wing tip.

On the fuselage, the interior of the cabin and baggage compartment(s) must be finished, and a couple of upper skins installed.

That's it. Then the airplane is ready for the Finishing Kit. By choosing options such as the Firewall Forward Kit, from Van's Accessories Catalog, the momentum built up on the QuickBuild Kit can be maintained until the airplane is ready to fly.