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Ordering Information and Policies

Here are a few definitions and procedure to make ordering easier.

Phone Orders: Call Van's between 8:00 a.m. And 4:30 p.m. Pacific Time any weekday. Van's is closed on weekends. Please have your builders (customer) number and all other necessary information ready: the catalog numbers of the items you are ordering, a valid shipping address (UPS cannot deliver to a Post Office Box), etc.

Web Orders: Shop and buy on-line at Van's Web Store. Simple, safe, and secure, the Web Store features an expanded Accessories Catalog and the option to purchase kit parts all through one system. Shop 24 hours a day, 7 days a week. Our web site is located <http://www.vansaircraft.com>

Mail Orders: Photocopy and use the order form included at the back of this catalog. Remember to include your builders number.

Payment: Builders of Van's Aircraft Kits are extended a credit line of up to \$100.00 on orders placed for parts. These orders will be shipped with an invoice and are NET DUE 30 days. For orders in excess of \$100.00 full payment is required. Either VISA or MC is acceptable. A personal check or certified check in US funds can be accepted with mail orders. COD orders can be accepted and will include associated charges.

Credit Card Orders: We accept MasterCard or VISA only.

Shipments (within USA): We ship UPS ground or FedEx unless you specify otherwise. UPS Overnight (red label), UPS Two Day (blue label), UPS Three Day (orange label) are available at additional cost. UPS *requires* a street address - a post office box is not sufficient. USPS is available but only *at your own risk* as there is no tracking available.

Shipments (outside USA): We ship **FedEx, UPS or USPS Express**. All services *require* a street address - a post office box is not sufficient. On small packages **USPS Air Mail** is available **but only at your own risk as there is no tracking available**. Both **USPS Express** and **USPS Air Mail** shipments are limited to **\$100.00**. All payments must be in US funds.

Overseas Orders and Shipment: All payments must be in US funds. If possible, we will ship UPS or Air Mail Post. Large orders will be sent through our usual shipping forwarder unless otherwise specified.

Returns: There is a 10% restocking charge on any returned item. Any item returned must be in "AS NEW" condition and be a product that we currently sell. No opened software may be returned. Custom manufactured components cannot be returned. Returns on **Avionics, Batteries, Electronics, Whelen lighting systems, and Instrumentation (gauges)** will only be accepted **within 60 days of purchase**. All other items may be returned within 2 years from the date of purchase. Only the **Original Purchaser may return items**.

Back-Orders: On occasion we may be out of an item you have ordered. We will generally ship items we have in stock and ship back ordered items as soon as they are available. However, if the major part of the order must be back ordered, we will hold the entire order until the back order is filled. You can help by giving instructions on dealing with back-orders when you place your order.

Damaged, Defective Items or Missing Items: Van's Aircraft is not responsible for shipping damages, but please contact our UPS shipping department here at Van's Aircraft as soon as possible for damaged shipments received through United Parcel Service, Federal Express, and the United States Postal Service. For all damaged shipments received through a trucking company, please contact the trucking company directly.

Warranty: All items not manufactured by Van's Aircraft are warranted by the maker. Return defective items to the manufacturer, not to Van's Aircraft.

Crating and Packing Charges: A "Handling Charge" and "Shipping Charges" will be added to orders with a minimum "Handling Charge" of \$4.00 per order. Handling and Shipping charges do not apply to Info Pack/Video packages and a printed copy of the Accessories Catalog when shipped by United States Postal Service..

Prices: All prices were current at time of printing. Prices are subject to change without notice. Please check our web site for current pricing information.

THE BUYER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY AND APPLICATION OF THE PRODUCT

Van's Aircraft, Inc.

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Internet...24 hours

Catalog Cover: Images by Ed Hicks, Bob Wahl and Jerry VanGrunsven

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Van's Aircraft
Ordering Options

Autopilot Product Line

TruTrak Flight Systems

Van's Aircraft now offers the complete line of TruTrak autopilots to our customers.

TruTrak serves the experimental aircraft market with the broadest autopilot product line and the most features available. Software solutions to flight control and user interface combined with modern surface-mount electronics, solid-state gyros, and digital servo actuators makes these the most reliable and smallest units possible. All of the autopilots listed below are designed to be either installed during kit construction or retrofit in flying aircraft. Some builders have requested we supply the "servos only" to simplify the installation during construction and possibly save initial cost. However, due to the ease of installation in completed aircraft, we have decided not to offer the "servos only" option but instead will make available only the complete units.

Digitrak

Autopilot

The Digitrak with its 2 1/4" face is a single-servo autopilot with a built-in means of selecting a drift-free direction of flight. Direction is based on GPS, but does not require programming the GPS for a given course as is the case when the CDI is being followed. With GPS present, the three-digit display shows selected direction when flying straight. When in a turn, either when the autopilot is on or when the pilot is in control; the display shows the digital DG. The arrow buttons enable the selected direction to be adjusted in one-degree steps. When a button is held down for more than one second and released, the aircraft enters a turn which can be stopped by pressing the opposite button when the desired new direction is reached. If GPS is lost, the Digitrak will lock on to magnetic direction when engaged, but the direction is not displayed. Special Order Item 100% deposit required when item is ordered.



IF DIGITRAK AP	BASIC SINGLE AXIS AP (including servo & installation hardware)	\$ 1740.00
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Altrak

Stand Alone Altitude Hold

Altrak is a stand alone altitude hold. It can be used either alone or in conjunction with any wing leveler to provide two axis autopilot functionality. It is equal to or better than the altitude hold within any other aftermarket autopilot available today. Altrak does not require any panel space other than the engage/disengage push button. Push the button to engage, push it again to disengage. Once engaged, an LED in the switch will indicate that the unit is engaged. The standard Altrak will flash the LED in the engage button if the altitude gets off by approximately 25 feet, fast flash for low and slow flash for high. Order **IF ALTRAK**. Also available, is a trim sensing servo for an additional cost which will sense the need for trim before the system begins to lose or gain altitude. This is enunciated with the same flashing of the LED. The trim sensing servo is not necessary for Altrak to work properly, but some may want the added function that the trim sensing servo will give. For the Altrak with the trim sensing servo order **IF ALTRAK TS**. Special Order Item 100% deposit required when item is ordered.



IF ALTRAK	Altitude Hold	\$ 1695.00
IF ALTRAK TS	Altitude Hold w/Trim Sense	\$ 1945.00

Digiflight 100

Autopilot

The Digiflight 100 is a single-servo autopilot in which the Digital DG showing track is continuously displayed. When engaged it synchronizes to the direction being flown and the track selector comes into view. This unit is expandable within the programmer to a two-servo system, and GPS steering is available as an option.



IF DIGIFLIGHT 100	SINGLE AXIS (including servo & installation hardware)	\$ 2300.00
IF DIGIFLIGHT 100GPSS	SINGLE AXIS w/GPS Steering (including servo & installation hardware)	\$ 2775.00

Digiflight 200
Autopilot

The Digiflight 200 contains all features of the 100 plus a simple altitude hold. In this system the aircraft is manually flown to the desired altitude and the pitch trim is set prior to engaging the altitude hold.



IF DIGIFLIGHT 200	TWO AXIS (including servo & installation hardware)	\$ 3800.00
IF DIGIFLIGHT 200GPSS	TWO AXIS w/GPS Steering (including servo & installation hardware)	\$ 4050.00

Digiflight 200VS
Autopilot

The Digiflight 200VS has all the features of the Digiflight 200 plus the added capability of climb and descent on selected vertical speed. Since climbing and descending requires trim changes, a pitch trim annunciator is provided.



IF DIGIFLIGHT 200VS	TWO AXIS DELUXE (including servo & installation hardware)	\$ 4250.00
IF DIGIFLITE 200VSGPSS	TWO AXIS DELUXE w/GPS Steering (including servo & installation hardware)	\$ 4600.00

Airspeed Indicators

Many Different Styles, Sizes, Manufacturers. Airspeed indicators come in 3-1/8 inch and 2-1/4 inch format. There are airspeed indicators and true airspeed indicators that allow you to enter the outside air temperature and the altitude, thereby indicating the TRUE airspeed. Most airspeed indicators have range markings with flap speeds (white), structural cruise speeds (green), maneuvering speed (blue), smooth air cruise speed (yellow) and Vne (red line). Some have internal lighting. Different aircraft have different speeds, so be sure and select the one for your aircraft.

Airspeed Indicators

Airspeed Indicators; 3-1/8" and 2-1/4"

These instruments will give the airspeed as an indicated airspeed. Available as 3-1/8" unless indicated as 2-1/4".



Part Number	Color Mark	Outer Scale	Inner Scale	Light	Mfg	Price
IF UMA-16-210-241	3/4/6	MPH	NONE	NO	UMA (2.25")	\$ 145.00
IF UMA-16-211-201	3/4/6	KNOTS	NONE	NO	UMA (2.25")	\$ 145.00
IF UMA-16-310-241D	3/4/6	MPH	KNOTS	NO	UMA	\$ 143.00
IF UMA-16-310-261D	7/8	MPH	KNOTS	NO	UMA	\$ 143.00
IF UMA-16-311-241	7/8	KNOTS	NONE	NO	UMA	\$ 143.00
IF UMA-16-311-241D	7/8	KNOTS	MPH	NO	UMA	\$ 143.00
IF UMA-16-310-244D.9	9	MPH	KNOTS	NO	UMA	\$ 143.00
IF UMA-16-311-203D.9	9	KNOTS	MPH	NO	UMA	\$ 143.00

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True Airspeed Indicators

Enter Altitude and OAT for True Airspeed in Window

By entering the OAT (outside air temp) and altitude, you can see your "true airspeed" and compare with the gps groundspeed to see if you have those desirable tailwinds, or if you are beating against the wind.



Part Number	Color Mark	Outer Scale	Inner Scale	Light	Price
IF ASIT240MK	3/4 6/6A	MPH	KNOTS	NO	\$ 198.00
IF ASIT24KM	3/4 6/6A	KNOT	MPH	NO	\$ 198.00
IF ASIT21K	3/4 6/6A	KNOT	NONE	NO	\$ 198.00
IF ASIT21K.9	9A	KNOT	NONE	NO	\$ 198.00
IF ASIT21KL.9	9A	KNOT	NONE	YES	\$ 265.00
IF ASIT260MK	7/7A, 8/8A	MPH	KNOT	NO	\$ 198.00
IF ASIT26KM	7/7A, 8/8A	KNOT	MPH	NO	\$ 198.00
IF ASIT22K	7/7A, 8/8A	KNOT	NONE	NO	\$ 198.00
IF ASIT240MKL	3/4 6/6A	MPH	KNOT	YES	\$ 265.00
IF ASIT240MK.9	9A	MPH	KNOT	NO	\$ 198.00
IF ASIT240MKL.9	9A	MPH	KNOT	YES	\$ 265.00
IF ASIT24KML	3/4 6/6A	KNOT	MPH	YES	\$ 265.00
IF ASIT24KM.9	9A	KNOT	MPH	NO	\$ 198.00
IF ASIT24KML.9	9A	KNOT	MPH	YES	\$ 265.00
IF ASIT21KL	3/4 6/6A	KNOT	NONE	YES	\$ 265.00
IF ASIT260MKL	7/7A, 8/8A	MPH	KNOT	YES	\$ 265.00
IF ASIT26KML	7/7A, 8/8A	KNOT	MPH	YES	\$ 265.00
IF ASIT22KL	7/7A, 8/8A	KNOT	NONE	YES	\$ 265.00

Miscellaneous Flight Instruments

Vertical Speed Indicators, Altimeters, Compasses, Etc. Many Different Styles, Sizes, and Manufacturers.

Nut Ring

Instrument Mounting Kit

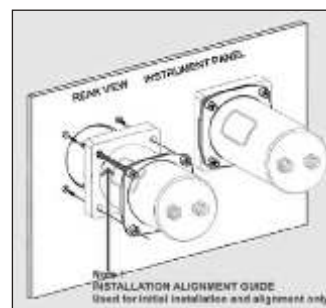
These instrument mounting rings are a clever solution to an old problem. It consists of a mounting plate with threaded inserts that will slide over the body of most instruments to provide a secure, simple and easy way to fasten the instrument to the panel. They include the screws and nylon washers.

The **IF MK01** fits the standard 3-1/8" instruments.

The **IF MK02** fits altimeters and vertical speed indicators which require only 3 mounting nuts.

The **IF MK03** is for the standard 2-1/4" style instruments.

These units are **NOT required** with the 2-1/4" engine gauge series produced and sold by Van's Aircraft as these come with mounting nuts installed.



IF MK01 3 1/8 STD	Standard 3 1/8" Nut Ring	\$	10.00
IF MK02 3 1/8 VSI/ALT	Altimeter / VSI Nut Ring	\$	10.00
IF MK03 2 1/4 STD	2 1/4" style Nut Ring	\$	10.00

Aircraft Digital Clock

Flight Time Recorder

The MFC500 CLOCK is capable of the following measurements:
 Current time - Flight time - Elapsed time. Red LCD display is easy to read by day or by night by way of brightness control. The unit operates on 10-30 VDC with +/- one second max error per 24 hours. It fits a standard 2-1/4" panel hole. Weight 5oz. Includes connector.



IF MFC500 CLOCK	Digital Clock	\$ 175.00
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Flight Data Systems

AFP-30 and AFP-35

The Flight Data Systems AFP-30 and AFP-35 computers perform the functions of three devices for a very low price. They are designed for the homebuilt owner who wants instantaneous flight information previously reserved only for transports and private jets.

Lycoming O-290 135 hp, Lycoming O-320 150 hp, Lycoming O-320 160 hp, Lycoming O-360 168 hp, Lycoming O-360 180 hp, Lycoming IO-360 200 hp.



Air Data Computer

The Air Data Computer features complete Winds Aloft information, Airspeed information including:

- Winds Aloft
- Density Altitude
- Outside Air Temperature
- Indicated Airspeed
- True Airspeed
- Total Air Temperature
- Altitude
- Vertical Speed

Fuel Computer

The Fuel Computer is a full featured system complete with GPS communication enabling it to display:

- Fuel Flow
- Fuel Remaining
- Miles per Gallon
- Arrival Fuel (at GPS Waypoint)
- Fuel Used
- Endurance
- Range

Engine Performance

The Performance Computer performs, instantaneously, the calculations required to compute the Percent Horsepower based on the engine manufacturer's power chart. It also provides backup Tachometer and Manifold Pressure indications.

- Percent Horsepower
- Manifold Pressure
- RPM

User Customizable Display

User customizable display page(s) shows any four data items.

Display units (MPH, Knots, Celsius, Fahrenheit, Gallons, Liters, Millibars) are also user selectable.

The AFP-30 and AFP-35 are compatible with most handheld and panel mount GPS units. Data is continuously sent to panel mounted GPS units filling in the GPS's data pages and increasing panel mount GPS capability.

The AFP-30 is packaged in a standard radio rack mountable size.

The AFP-35 is a 3-1/8" round instrument package.

Both feature a sunlight readable, backlit, wide temperature display with simple single knob operation. All systems include the Floscan certified Fuel Flow sensor, Temperature sensor, wiring and connectors.

For other engine applications please call 831.325.3131

Warranty information: Unconditional one year warranty from date of shipment.

Special Order Items 100% deposit required when item is ordered.

IF APF-30 RECTANGULAR	Air Data Computer - Standard Radio Rack Size	\$ 850.00
IF APF-35 3 1/8" RND	Air Data Computer - 3-1/8" Round Instrument	\$ 850.00

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Van's Aircraft
 Ordering Options

Vertical Speed Indicators

Several Options Available

VSI (vertical speed indicator) available in 3-1/8" or 2-1/4" sizes. Calibrated in 2000 fpm (feet per minute), 3000 or 4000.



Part Number	Use	A/C	Length	Price
CT V-45.5	Gov, Throt	6(all)	45.5"	\$ 55.00
CT V-60	Misc	6(all)	60"	\$ 57.00
CT V-CUSTOM	Any	All	Custom	\$ 65.00 plus \$2/ft over 5'
CT BLUE VPROP 45.5	Governor	6(all)	45.5"	\$ 55.00

Altimeters

3-1/8 inch altimeters indicate in feet. Kolsman windows calibrated in either inches or millibars.



Part Number	Scale	Light	Price
IF BG-3E	mBar	No	\$ 200.00
IF BG-3B	inches	No	\$ 198.00

Angle of Attack Instrument

Visual and Aural Warning for Approaches, and Stalls

AOA Sport. The Sport is a true AOA instrument and costs much less than the simple stall warning vane and buzzer found on many popular production aircraft.

The display is a three-color eight LED ladder readable in even the brightest cockpits and will retrofit into the most crowded panels. The panel bezel is designed to mount vertically. The display is dimmable, and includes a aural warning.



IF AOA SPORT	Angle of Attack Inst.	\$ 875.00
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Magnetic Compass

Deluxe Magnetic Compass for Slider Brace Mounting

The " Navigator " by S.I.R.S. Navigation is an attractive "state-of-the-art" compass that delivers extremely accurate readings due to its fully integrated, 4 magnet correction facility. Many civil and military aircraft manufactures use a similar design, also made by S.I.R.S. Navigation. The standard mounting bracket allows the compass to be mounted in a variety of positions, including the glareshield, or the canopy, away from external magnetic influences. Optional mounts are available for a variety of aircraft. The display is highly visible in all lighting conditions, and is far more legible than standard compasses. The navigator is fully TSO'd and comes with a 3 year warranty. Non-lighted, or 12v lighted version. Van's Aircraft is offering this line of compasses as it allows for a simple installation on the roll bar brace in the RV-6/6A, RV-7/7A, and RV-9A. See Van's, (Part Number = IF SIRS MOUNT SLIDER), below.



IF NV2A S.I.R.S.	SIRS Compass/Unlit Northern Hemisphere	\$ 189.95
IF NV2C-12V S.I.R.S.	SIRS Compass/Lighted Northern Hemisphere	\$ 209.95
IF NV2A SO. HEMI.	SIRS Compass/Unlit Southern Hemisphere	\$ 189.95
IF NV2C-12V SO. HEMI.	SIRS Compass/Lighted Southern Hemisphere	\$ 209.95
IF SIRS MOUNT SLIDER	Compass Mount 6/7/9	\$ 15.00

Magnetic Compass
Panel or Pedestal Mounts

Choose between pedestal or panel mount. All compasses are internally lit.



IF CM-13L	Panel Mount Northern Hemisphere	\$	65.00
IF CM-24L	Pedestal Mount Northern Hemisphere	\$	73.00
IF CM-13LS	Panel Mount Southern Hemisphere	\$	67.00
IF CM-24LS	Pedestal Mount Southern Hemisphere	\$	73.00

Accelerometer
"G" Meter

Gotta know how many Gs you pulled in that last wifferdil. 2-1/4" mounting hole. Range -5 to +10G. 9oz.



IF BJ10-2	Accelerometer	\$	228.00
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Ball Indicator
Slip/Skid Ball Used If You Don't Have a Turn Coordinator

Slip/Skid Ball. If you don't have a Turn Coordinator with the slip/skid ball, you'll need one of these.



IF M-23	Ball Indicator	\$	39.90
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Van's Aircraft
Ordering Options

Introduction to Avionics

Van's has arrangements with several major manufacturers of avionics. The items shown here have proven the most popular with RV builders, but are no means the only ones available. We can usually supply any item in a manufacturer's line, given enough warning.

New technologies and demands mean that products and prices are constantly changing. Because avionics is not our major business, we keep only a small stock on hand, and depend on manufacturers to supply us in a timely manner when we make an order. Usually they do, but if there is some surge in demand or a manufacturing/business problem, it can take several weeks to receive products.

CALL US FOR CURRENT PRICES AND LEAD TIMES ON AVIONICS

Honeywell Bendix/King

GPS and Transponder antennas are included with King units. Nav, Comm and other antennas must be purchased separately.

Bendix/King equipment is an OEM item and we can only sell to RV builders for use in RV aircraft.

KY-97A Comm

760 Channel With LCD Flip-Flop Display

760 channel with LCD flip-flop display. Stores 10 programmable frequencies in memory. 5 watts power, 2.9 lbs.



AV KING KY-97A	King KY-97A	\$	Call
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KX-125 Nav/Comm

Comm Radio, Nav Receiver, and CDI With Digital OBS

If you want VOR capability, or need it for IFR work, the King KX-125 provides a Comm radio, Nav receiver and CDI with digital OBS in a neat, space saving package. The unit is also capable of driving a standard OBS unit.



AV KING KX-125	King KX-125	\$	Call
AV KING KI-208	King KI-208	\$	Call

KLX-135A GPS/Comm

Comm Radio and GPS Moving Map

Say good-bye to the old VOR type Nav/Comm radio! King's Comm/GPS KLX-135A combines a full database GPS receiver and moving map (when selected, map appears on right side of screen), with a 760 channel state-of-the-art Comm radio. Only a few years ago it would have taken half an instrument panel to present all the data this single box can give you.

Presently flying in our RV-6A prototype. Choose Domestic, Atlantic International or Pacific International database.



AV KING KLX-135A	KLX-135A Domestic USA	\$	Call
AV KING KLX-135A INTA	KLX-135A Atlantic	\$	Call
AV KING KLX-135A INTP	KLX-135A Pacific	\$	Call

KX-155 Nav/Comm

Nav/Comm Radio With Localizer and Glideslope

Nav/Comm with Localizer and Glideslope.

AV KING KX-155	KX-155 W/GS	\$	Call
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KT-76A Transponder

Transponder

Upgraded version of the standard transponder. Requires external encoder.

AV KING KT-76A	King KT-76A	\$	Call
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KT-76C Transponder

Digital Transponder

Digital transponder with readout of encoder altitude being reported to center. Single button return to VFR (1200). Requires external encoder.

AV KING KT-76C	King KT-76C	\$	Call
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KI-208 VOR/LOC Indicator

VOR/LOC Indicator

KI-208 VOR/LOC Indicator for use with VOR/LOC receiver such as KX-125.

AV KING KI-208	King KI-208	\$	Call
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KI-209 VOR/LOC/GS Indicator

VOR/LOC/GS Indicator

VOR/LOC/GS Indicator for use with VOR/LOC/GS receiver.

AV KING KI-209	King KI-209	\$	Call
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KR-22 Marker Beacon Receiver

Marker Beacon Receiver

Marker Beacon Receiver with 3 lights and audible tone through audio system.

AV KING KR-22	King KR-22	\$	Call
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KA-134 Audio Panel/Speaker Amp

Audio Panel/Speaker Amp

Audio Panel/Speaker Amplifier with more selections than the panel can accommodate. This unit does not replace the VOX (voice activated) intercom.

AV KING KA-134	King KA-134	\$	Call
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KMA-24 Audio Panel With Marker Beacon

Audio Panel With Marker Beacon

Audio Panel with more selections than the panel can accommodate. This unit does not replace the VOX (voice activated) intercom. Also has the Marker Beacon function with 3 lights and tone capability.

AV KING KMA-24	King KMA-24	\$	Call
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3. Fax your order to 503.678.6560
 4. Use the order form to mail your order.

Van's Aircraft
 Ordering Options

ICOM

ICOM's high quality VHF communications transceiver, gives you a vital capability and offers the best.

ICOM A200

TSO or Non-TSO Version

FAATSO Approved Version for certified aircraft or Non-TSO Version for homebuilt aircraft.

760 Channel Comm Radio with LCD Flip-Flop Display. Stores 9 programmable frequencies in memory. 2.4 lbs.



AV ICOM IC-A200	ICOM A200	\$ 749.00
AV ICOM IC-A200 TSO	ICOM A200 TSO	\$ 849.00

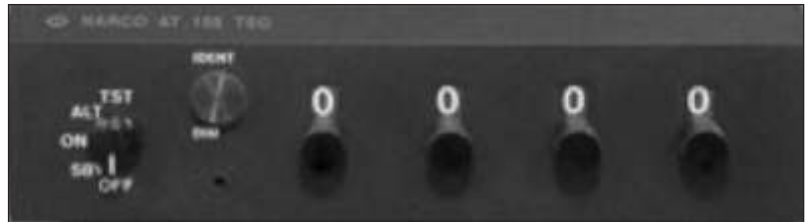
Narco

Van's is an OEM supplier of Narco equipment. Narco has been building radios and avionics for many years. Here are some of their products that have proven popular with RV builders. We can supply any product in the Narco line, so if you are interested in something you don't see here, give us a call.

AT155 Transponder

Full 4096 Code Capability

This transponder has become one of general aviation's favorites. Full 4096 code capability, compatible with most altitude encoders.



AV AT-155 TRANSPONDER	Narco	\$ 1300.00
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Com 810

760 Channel Comm Radio

Narco's popular 760 channel Comm radio.



AV COM 810A	Narco Com 810	\$ 1525.00
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Altitude Encoders

Add Mode C capability (altitude reporting) to most transponders.

Ameri-King Blind Encoder

Works With Most Transponders

Universal altitude encoder, interface cable and static line connectors. Our most popular encoder.

AV AK350	Ameri-King Blind Encoder	\$	150.00
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AR 850-20K Encoder

Works With Most Transponders

This NARCO unit is compatible with most transponders.

AV AR-850-20K	AR Encoder	\$	250.00
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Antennas, ELTs

Several choices of antennas, ELTs are available.

ELT Antenna

Replacement Antenna

If you already have an ELT, but want a permanent or replacement antenna.

AV ELT-ANT	ELT Antenna	\$	60.00
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Commant Antennas and Accessories

Several Styles to Choose From

Commant makes most of the antennas in small aircraft. There are a lot of different models, only a few of which are listed here. Call for details and prices if an antenna you want is not shown.

AV CI-121C	VHF Comm Antenna, Straight Whip	\$	99.00
AV CI-122C	VHF Comm Antenna, Bent Whip (most popular for belly mounting)	\$	126.00
AV CI-158C	V Dipole VOR Antenna	\$	187.50
AV CI-157P	VOR/Glideslope	\$	165.00
AV CI-215	VOR/Glideslope/LOC	\$	300.00
AV CI-102C	Marker Beacon Antenna	\$	100.00
AV CI-105C	Transponder (Blade)	\$	95.00
AV CI-101C	Transponder (Rod)	\$	67.20
AV CI-507	Diplexer (VOR/GS/LOC)	\$	86.40

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Van's Aircraft
Ordering Options

Rami Antennas

Several Styles to Choose From

In business since 1957, RAMI has produced millions of antennas for military applications. In 1992, they acquired Antenna Specialist and began producing antennas for general aviation. Since then, they have added to the line of fully TSO'd antennas for all applications. We carry several models:

AV AV-10	VHF Comm Antenna, Straight Whip	\$	89.00
AV AV-12L	VOR Bent Whip	\$	129.00
AV AV-17	VHF Comm Antenna, Bent Whip (most popular for belly mounting)	\$	115.00
AV AV-22	Transponder (Rod)	\$	32.00
AV AV-529	VHF Comm Antenna, Straight Whip	\$	92.00
AV AV-532L	VOR/GS "Cat Whisker"	\$	130.00
AV AV-569	Marker Beacon	\$	90.00
AV AV-570	Coupler, VOR/GS	\$	70.00

Low Drag Antennas

Mounted In Canopy (Comm Only) or Wingtip (Nav Only)

Similar to those used in our prototypes. These antennas are mounted on the inside of the canopy or within the fiberglass wingtips where they are invisible to the airstream and less susceptible to damage. Radio performance is only slightly less than external antennas (depending on the individual installation, it may be difficult to detect a difference) but many pilots will accept this for the advantages of less drag and lower price. Available for Comm (mounted inside canopy) or Nav (usually mounted in wingtips) radios.

AV ANTENNA, W'SCREEN	Comm Antenna	\$	7.00
AV ANTENNA W'TIP	Nav Antenna	\$	25.00

ACK E-01 ELT

Uses Standard "D" Cell Batteries; Includes Antenna

Uses standard Duracell D cell batteries. Small and light weight, it is easily installed in the aircraft and can be removed quickly for portable use. The unit is waterproof and meets FAA and TSO-C9 IA approvals. High impact plastic case. Includes quick release tray, portable antenna, external aircraft antenna, panel remote control, connecting cables, installation manual, even a screwdriver. Full two year warranty. Size 3" x 3" x 8". Weight 16 oz. without batteries.

AV ACK E-01 ELT	ACK ELT	\$	219.00
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Ameri-King AK-450 ELT

Uses Standard "D" Cell Batteries; Includes Antenna

Runs on standard D cell batteries and includes all the latest technologies: coherent beacon for satellite reception, voice transmission capability, etc. Size 4.27" wide x 2.95" high x 5.64" long. Weight with batteries 2 lb. 10 oz. All accessories (tray, antennas, panel remote control etc.) included. Four year warranty.

AV AM 450 ELT	Ameri-King ELT	\$	189.00
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Intercoms and Headsets

RVs, like most small aircraft, benefit from a good intercom and headsets. They improve flying comfort, make conversation possible and can even increase safety by reducing noise-induced fatigue and mistakes. There are a lot of choices. The ones in this section have worked well in our demonstrator aircraft and provide good value.

Lightspeed ANR Headset

QFR Cross Country/2

The Quietest, most comfortable ANR Headsets under \$300.

Features

- Passive attenuation with an additional 12-db active attenuation.
- Weighs under 14 oz.
- Exclusive AES "Auto Shut-Off" powers down the Active Electronics if system is left unattended
- Personal Audio Interface for music or audio mapping input
- Two 'AA' batteries provide 30 hours of operation
- Three year warranty on parts and labor
- Padded Headset Bag, Mic Wind Screen Included
- Interface Cable for Personal Stereo Unit



QFR Series Standard Features

- Reversible boom allowing for left or right side operation
- Adjustable gain pre-amp allowing for field 'balancing' of mic sensitivities
- Dual volume controls, stereo/mono selection, and a LED battery "fuel gauge" to monitor usage

GENERAL DATA

Connector: .250" stereo plug, .206 stereo microphone plug
Power Supply: Small 'In-Line' with left and right ear level control, stereo/mono switch
Batteries: (2) AA's
Operating Time: 20-25 Hours
Weight: 13.7 oz.

HEADPHONE DATA

Transducer: Dynamic
Frequency Response: 24-17,000 Hz
Nominal Impedance: 300 ohms stereo, 150 ohms mono

MICROPHONE DATA

Transducer Principle: Noise canceling electret
Frequency Response: 200-5000 Hz
Maximum SPL: 114 dB
Terminating Impedance: 470 ohms
Operating Voltage: 8-16V DC Appx 5-12mA

AV QFR CROSS CNTRY/2	LIGHTSPEED ANR (1 EA.)	\$ 295.00
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Peltor Headset

Very Light and Comfortable

The Peltor 7000 ProGT headsets retain the maximum amount of headroom in an RV. They are very light and yet still comfortable even without the padded headband.



7000 ProGT features

- 5 year factory warranty
- shielded cable assembly
- gel ear seals
- NRR 26 dB
- deep cup design for increased ear room
- deluxe carrying case

7000 ANR GT features

- same as the ProGT, but includes Automatic Noise Canceling feature
- extremely comfortable and high quality

AV 7000 PRO GT	PELTOR HEADSET (1 EA.)	\$ 230.00
AV 7000 ANR GT	PELTOR ANR HEADSET (1 EA.)	\$ 550.00

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Van's Aircraft
 Ordering Options

FlightCom ANR Headsets

Classic ANR

Flightcom's ANR headset features Confor® Foam ear seals, and large headband. Precision flex boom with noise canceling electret microphone. Dual volume controls and washable polar fleece headband. Stereo/mono switch and in-line 9 vdc battery holder. Carrying case included. Weight: 17.6 oz.



AV FC-ANR CLASSIC	FlightCom ANR Headset	\$ 350.00
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FlightCom Headsets

Liquid Ear Seals; Ventilated Headband

Liquid filled ear seals, soft ventilated headband. Mono or stereo modes. Rated 24 dB noise reduction. Choose Standard or better Blackhawk.



AV FC-4DX	Standard FlightCom Headset	\$ 115.00
AV FC-5DX	Blackhawk FlightCom Headset	\$ 170.00

FlightCom Headset Accessories

Helps Improve Headset Comfort

Several small items that improve headset comfort and performance:

- Cloth covers for ear seals.
- Microphone muff, helps cut background noise over the intercom and improves cockpit communications. Fits any headset mike.
- Liquid ear seals, pair fits Flightcom headsets.

AV FC-CC	Cloth Covers	\$ 3.99
AV FC-LES	Liquid Ear Seals	\$ 13.27
AV FC-MM	Microphone Muff	\$ 1.08

Intercom Wiring Harness

Intercom Installation Made Easy

This intercom wiring harness makes installing an intercom in your RV and connecting it to your radio(s) simple. The installation includes a terminal strip that allows for clean connections from any standard aviation Com Transceiver or Audio Panel. This makes it a simple task to connect a radio to the intercom system or make a change/upgrade at a later date. **This harness is only for use with the Flightcom model 403, 403MC, and 403D intercoms.** Except for clipping one wire, the harness is supplied ready to use with intercom model 403MC. Minor modifications are required for use with models 403 (cutting jumper wires at the connector) or 403D (soldering five new connections).



ES WH-ICM-1	INTERCOM HARNESS KIT	\$ 150.00
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FlightCom Intercoms and Accessories

Several Types; Stereo and Mono, Voice Activated

These Flightcom Intercoms are voice activated, panel mount intercoms. Rectangular faceplates may be used in a horizontal or vertical layout, or the 2-1/4" instrument hole faceplate may be used. The 2-1/4" faceplate is included in all units except the AV FC-403MC. All intercoms feature pilot isolate and instant music muting. Jack sets are included in all models. The 2-1/4" faceplate is available as an option (AV FC-2.25" RND FACE). Several models to choose from:

- AV FC-403MC: basic mono unit
- AV FC-403: most popular unit w/stereo input.
- AV FC-403D: stereo like the AV FC-403 but includes a 32 second digital clearance recorder.



AV FC-403MC	Mono Intercom	\$	154.00
AV FC-403	Stereo Intercom	\$	230.00
AV FC-403D	Stereo Recording Intercom	\$	290.00
AV FC-2.25" RND FACE	2 1/4" round faceplate	\$	6.00

PS Engineering Intercom

Popular Intercom Option

PS has developed an excellent panel mount intercom. Fail-safe to Comm radio, pilot isolate and other features. Allows both pilots to transmit. Includes installation hardware and jacks. 1.25" x 3" x 5.5"



AV PM 1000II MONO INT	Mono Intercom	\$	Call
AV PM 3000 4PL STEREO	Stereo Intercom	\$	Call



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Van's Aircraft
 Ordering Options

Software

Software products for your computer.

KitLog Pro

The Complete Builders Resource Tool



KitLog Pro software is an organizational tool that will allow the builder to create, maintain, display, and archive the complete building process. Simple journal entries and photo placement to each entry will create a detailed, printable journal for inspections, air shows, reference, or even aid in the resale of your aircraft.

- Complete aircraft information: Name, make, type, serial number, engine, etc.
- Daily journal entries accompanied with pictures, descriptions, and build time.
- Customizable categories for entries can be viewed separately. Engine, Avionics, Airframe, etc.
- Detailed weight and balance calculator.
- Expense section to keep track of costs, such as kits, parts, tools, supplies, etc.
- All entries can be printed in notebook format for display or inspection.
- Reference materials: FAA Advisory Circulars helpful for building and testing aircraft.

All required FAA forms for inspection.

System Requirements:

Windows NT, Windows 9x, or later operating system.

Pentium 133 or greater (sorry, 486 and below will not run Kitlog Pro)

16MB RAM

Best viewed with screen resolution 800X600 or better

Complete installation instructions come with the CD-ROM, along with technical support from the software manufacturer should you require it. No returns, or refunds will be allowed on opened software.

CD KITLOG PRO	BUILDER'S LOG	\$	39.95
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Airframe and Cockpit Accessories

Many misc parts and options to add to your RV.

Seat Foam Sets

Ready to Upholster Foam Cushions

Van's now stocks seat cushion sets for selected models . These are sold only in sets. The seat cushion uses a 1 1/2 layer of space age Conforfoam for comfort and to provide some measure of protection from hard impacts. Full size upholstery patterns are provided with each cushion set. Part Number **CA SEAT SET 7/9** fits the RV-6/6A, RV-7/7A, and RV-9/9A. It consists of 10 pieces, two each of:



- a seat back
- a seat cushion
- a lumbar support
- a "wedgie" that fits on the floor pan
- a booster cushion for the vertically challenged

Part Number **CA SEAT SET 8** fits the RV-8/8A. It consists of 7 pieces:

- a seat back for the front and rear
- a lumbar support for the front and rear
- a seat cushion for the front and rear
- one seat wedge

Those seat cushion purchasers who are interested in having a professional cover produced for our foam cushion sets may contact Classic Aero Designs toll free at 1-866-219-1087 or may view **Classic Aero Designs** web site at: www.classicaerodesigns.com/vans/

The owner of Classic Aero, Luke Doughton, is capable of supplying a complete covering service with the fabric of your choice. In addition, when you order the foam cushion sets from Van's, you may initiate direct shipping from Van's to Classic Aero Designs by selecting: "**SHIP TO CLASSIC AERO**". This item is listed at \$0.00 but you will be billed for the shipping charges to Classic Aero Designs.

CA SEAT SET 7/9	FOAM/PATTERN 2 SEATS - fits RV-6/6A, RV-7/7A, and RV-9/9A	\$	190.00
CA SEAT SET 8	FOAM/PATTERN 2 SEATS - fits RV-8/8A	\$	180.00
SHIP TO CLASSIC AERO	I have contacted Classic Aero and I would like my Seat Cushion Sets shipped directly to Classic Aero. I understand that I will be billed for the shipping charges to Classic Aero Designs.	\$	0.00

Canopy Cleaner

Plexus Windshield Polish and Cleaner

This is the best product we have found for getting the bugs off of the windshield!!



CA CANOPY CLEANER	7 OZ PLEXUS POLISH	\$	5.00
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Baggage Tie Downs

Secure Those Pesky 'Floating' Baggage Items

The photo shows two units, one with clamp/ring installed in the base, one with the clamp/ring removed to show more detail. The unit parts are made of anodized 6061 T-6 aluminum with a stainless ring. Two rivnuts and two countersunk 10-32 cad-lated screws are furnished to complete the unit. Weight of one complete unit is only 1.5 ounces. Use rivnuts to attach to surfaces with no rear access - simply drill a .250 inch hole and install rivnut. By installing additional bases you can tailor your baggage tie down options to suit your current needs. Extra bases can be purchased individually, and include rivnuts and screws. Clamps may also be purchased individually.



CA BAGGAGE TIE DOWN	Complete Unit Base & Clamp	\$	24.00
CA B.T.D. BASE ONLY	Base Only	\$	14.00
CA B.T.D. CLAMP ONLY	Clamp Only	\$	10.00

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Van's Aircraft
Ordering Options

5 Point Seat Belts

Military Style Belt/Harness for Side-By-Side Aircraft

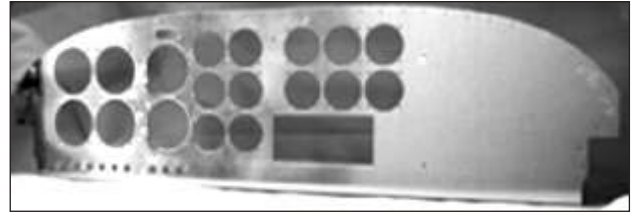
5 Point seat belt/harness/crotch strap system for side-by-side only. Inertial reels on shoulder harness. Black only.

SBH 503332-401	Left seat military style harness	\$ 540.00
SBH 503332-402	Right seat military style harness	\$ 540.00

Prepunched Instrument Panel

Prepunched Instrument Panels for the RV-7/7A, RV-9/9A

All holes are punched for typical VFR flight instruments, engine instruments, avionics, switches/breakers, and you have room for the map box option. This is the panel currently in the prototype RV-7, and RV-9A.

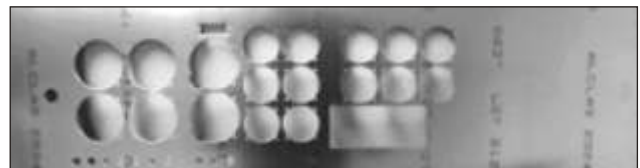


F-703-V	VFR TIP-UP PANEL	\$ 60.00
F-7103-V	VFR SLIDER PANEL	\$ 60.00

Prepunched Instrument Panel

Prepunched Instrument Panel for the RV-6/6A

All holes are punched for typical VFR flight instruments, engine instruments, avionics, switches/breakers, and you have room for the map box option.

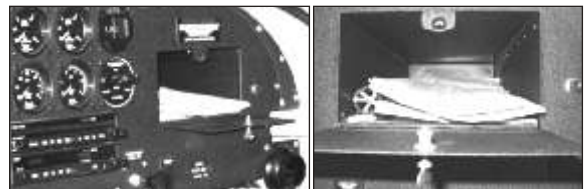


F-6103V	6/6A VFR PANEL	\$ 60.00
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Map Box

Prepunched Mapbox Kit

This map box can be installed in either a completed aircraft or in an aircraft under construction. Designed for the RV-6/6A, 7/7A, 8/8A, 9/9A. 7-3/8" x 4-3/4" of open panel space is required. Box dimensions 6-1/4" x 3-7/16" x 12". The 6-1/4" is also the width of most avionics, which can be handy. Installed weight is 0.80 lbs. The kit comes with all the necessary hardware, and an accurate template for cutting the hole in the panel.



MAP BOX KIT	PANEL MOUNT ALL ACFT	\$ 35.00
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RV-6/6A Shoulder Harness Anchor Cables

Now Standard in Kit; Upgrade Older Fuselage Kits

The RV-6/6A uses a stainless steel cable with a swaged stainless end to connect the shoulder harnesses to the longeron in the rear fuselage. These are currently included in the fuselage kit, but we make them available for kits shipped before they became standard. Available as a set of 2 cables, does one airplane.

F-6114	Shoulder Harness Anchor Cables	\$ 85.22
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Seat Belts and Shoulder Harnesses

Side-by-Side; Tandem Front and Rear Seat Assemblies

Four point harness with all-steel fittings. Meets standards for certified belts. Lap is double adjustable to keep the buckle centered. Individual adjustable straps fit over each shoulder. Quick, easy pull-up buckle release. There are currently two vendors supplying seat belts. AmSafe belts are available in three colors in stock: black, purple-gray and dark blue. A wide variety of other colors is available, at a slight extra cost. We will send a sheet of samples to those seeking special colors. There is an optional 5th point crotch strap install kit available for the RV-7/7A and RV-9/9A. Part Number **CROTCH STRAP KIT**



The second vendor is Tuf Tow (TT) and these belts are only available in BLACK or GREY with no crotch strap availability. **The seat belts are sold as single seat sets. Side by side or Tandem airplanes will require 2 of each.**

CROTCH STRAP KIT	Both Sides RV-7/7A and RV-9/9A	\$ 27.85
SBH-6 BLK	Side-by-side belt and harness	\$ 125.00
SBH-6 LT PURPLE GREY	Side-by-side belt and harness	\$ 125.00
SBH-6 DARK BLUE	Side-by-side belt and harness	\$ 125.00
SBH-TT 6 BLACK	Side-by-side belt and harness	\$ 75.00
SBH-TT 6 GREY	Side-by-side belt and harness	\$ 75.00
SBH-34 BLACK	RV-3 Front seat, Tandem Rear seat belt and harness	\$ 125.00
SBH-34 LT PURPLE GREY	RV-3 Front seat, Tandem Rear seat belt and harness	\$ 125.00
SBH-34 DARK BLUE	RV-3 Front seat, Tandem Rear seat belt and harness	\$ 125.00
SBH-TT 34 BLACK	RV-3 Front seat, Tandem Rear seat belt and harness	\$ 75.00
SBH-TT 34 GREY	RV-3 Front seat, Tandem Rear seat belt and harness	\$ 75.00
SBH-4F BLACK	Tandem Front seat belt and harness	\$ 125.00
SBH-4F LT PURPLE GREY	Tandem Front seat belt and harness	\$ 125.00
SBH-4F DARK BLUE	Tandem Front seat belt and harness	\$ 125.00
SBH-TT 4F BLACK	Tandem Front seat belt and harness	\$ 75.00
SBH-TT 4F GREY	Tandem Front seat belt and harness	\$ 75.00
SB-5 BLACK	5th Point crotch strap	\$ 25.00
SB-5 LT PURPLE GREY	5th Point crotch strap	\$ 25.00
SB-5 DARK BLUE	5th Point crotch strap	\$ 25.00
SB-346 BLACK	Lap belt	\$ 57.00
SB-346 LT PURPLE GREY	Lap belt	\$ 57.00
SB-346 DARK BLUE	Lap belt	\$ 57.00
SH-6 BLACK	Side-by-side shoulder harness	\$ 95.00
SH-6 LT. PURPLE GREY	Side-by-side shoulder harness	\$ 95.00
SH-6 DARK BLUE	Side-by-side shoulder harness	\$ 95.00
SH-34 BLACK	RV-3 Front shoulder harness, Tandem rear seat shoulder harness	\$ 95.00
SH-34 LT. PURPLE GREY	RV-3 Front shoulder harness, Tandem rear seat shoulder harness	\$ 95.00
SH-34 DARK BLUE	RV-3 Front shoulder harness, Tandem rear seat shoulder harness	\$ 95.00
SH-4F BLACK	Tandem front seat shoulder harness	\$ 95.00
SH-4F LT. PURPLE GREY	Tandem front seat shoulder harness	\$ 95.00
SH-4F DARK BLUE	Tandem front seat shoulder harness	\$ 95.00

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Van's Aircraft
Ordering Options

Tilt-Up Strut Kit

Now Standard in Kit; Upgrade Older RV-6/6A Finish Kits

Easy to install during construction or as a retro-fit to a finished airplane. Stabilizes tilt-up RV-6/6A canopy in the raised position. Over-center action helps soften opening, closing. Hardware and instructions included. Standard in finish kits shipped since February 1995. If one of the struts is damaged, we sell single replacements.



6/6A TIP-UP STRUT	Strut Kit	\$	65.00
C-690	Single Strut	\$	25.00

Custom Stick Grips

Made From Beautiful Hardwoods

Made from beautiful hardwoods. Right or left hand. Two styles: the STANDARD, with a single switch, usually a push-to-talk; and the MASTER, with two switches: one for PTT and a "coolie hat" for electric elevator and aileron trim. Price includes switches.



GRIP 1" MASTER LEFT	Side-by-side Left Seat	\$	103.66
GRIP 1" MASTER RIGHT	Tandem Front Seat	\$	103.66
GRIP 7/8" MASTER RT	Side-by-side Right Seat, Tandem Rear seat	\$	103.66
GRIP 1" STANDARD LEFT	Side-by-side Left Seat	\$	50.00
GRIP 1" STANDARD RT	Tandem Front Seat	\$	50.00
GRIP 7/8" STANDARD RT	Side-by-side Right seat, Tandem Rear seat	\$	50.00

Molded Stick Grips

Injection Molded Black Nylon

Military style includes one hole for "coolie hat" switch. Additional hole may be drilled for PTT switch. Switches not included. Right hand only.



GRIP 1" RT HAND 2SW	Molded Stick Grip	\$	45.00
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Grip Switches

Push to Talk-(PTT) and 4 Way Trim-(Coolie Hat) Switches

Switches for grips.

GRIP SWITCH	Push to talk switch and cover	\$	13.50
GRIP SWITCH COVER	Push to talk switch cover only	\$	7.25
ES MST5-4SW	4 way trim switch-(Coolie Hat)	\$	46.80

Canopy Covers

Two Styles of Canopy Cover

Thick cover for continuous use or thin lightweight for travel use. Traditional extra-thick covers protect your expensive avionics and custom upholstery. Made especially for RVs. Soft, non-scratching liner with tough reflective outer layer. Nylon fittings won't scratch paint or Plexiglas. Includes storage bag. Thin lightweight cover sheds dew and rain, yet lets moisture evaporate. Small, light package for travel.

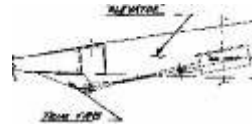


CANOPY COVER RV-4	RV-4 Canopy Cover	\$	208.00
CANOPY COVER RV-6	RV-6/6A, 7/7A, 9/9A Canopy Cover	\$	260.00
CANOPY COVER RV-8	RV-8/8A Canopy Cover	\$	310.00
CANOPY COVER RV-9/9A	RV-9/9A Canopy Cover	\$	275.00
CANOPY COVER LW-3	RV-3 Light weight cover	\$	125.00
CANOPY COVER LW-4	RV-4 Light weight cover	\$	150.00
CANOPY COVER LW-6/EXT	Light weight cover post-95 RV-6/6A, 7/7A, 9/9A	\$	150.00
CANOPY COVER LW-8	RV-8/8A Light weight cover	\$	150.00

Electric Elevator Trim Kit

Add Electric Elevator Trim to Your RV

Electric elevator trim can be added to most elevators (except the RV-3). This removes the trim cable from the cockpit. Usually installed during initial construction, but with careful work may be retro-fitted to finished aircraft. A small servo (ES MSTS-8A) mounted in the elevator moves the standard trim tab. Elevator must be rebalanced after installation. Weighs about the same as manual trim, but may move the cg slightly aft. Trim works best when controlled from the stick grips (GRIP 1" MASTER LEFT(or RIGHT)) above. In addition, a servo relay deck (ES MSTS SRD) is needed when used with the GRIPS and possibly a servo speed control (ES MSTS-SSC) unit.



Kits include all hardware and servo system.

EE-KIT/SERVO	Electric elevator trim system for RV-6/6A/7/7A/8/8A pre-punched kits.	\$	240.00
EE-KIT/SERVO (NON-PP)	Electric elevator trim system for ALL non pre-punched kits.	\$	240.00
EE-KIT/SERVO-1	Electric elevator trim system for the RV-9/9A kits.	\$	240.00

Electric Aileron Trim Kit

Add Electric Aileron Trim to Your RV

More complex than the manual trim system. Servo (ES MSTS-6A) mounted in the aileron (RV-4,6,6A) drives a small tab mounted on the trailing edge of the aileron. Usually installed during initial construction. The RV-7/7A,8/8A,9/9A use a different style of electric aileron trim. The servo (ES MSTS-6A) is mounted below the seating areas of the airframe. It is a spring bias system and applies trim forces directly to the control column.

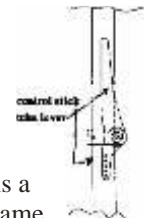


EA-KIT	Aileron servo mount and tab for RV-4,6/6A	\$	30.00
EA-KIT/SERVO	Aileron servo mount, tab and servo for RV-4,6/6A	\$	235.00
EA-8 KIT	Complete servo and spring bias assembly for RV-8/8A	\$	250.00
EA-7/9 KIT	Complete servo and spring bias assembly for RV-7/7A, 9/9A	\$	250.00

Manual Aileron Trim Kit

Trim Kits for Balancing Due to Fuel Burn and Loading

Kits are usually ordered with the fuselage kit, but are easily fitted to the finished aircraft. A real convenience for cross-country flying, trimming out uneven fuel burns, etc. Simple light springs connect to the aileron controls, unnoticeable through the stick. Installs entirely within the cabin. No need to remove wings or ailerons. Small lever mounts on the stick (RV-3,4), between the seats. The manual aileron trim mechanism on the RV-8/8A is a sidewall mounted adjustment to the left of the pilot's seat. It is a spring bias system that manually applies trim forces directly to the control column. RV-7/7A,9/9A is the same however, it mounts between the pilot and passenger's seats.



This kit is NOT intended to compensate for aircraft with rigging problems. See Chapter 15 of Construction Manual to balance aircraft prior to installing trim.

AIL-T43	Manual aileron trim for RV-3,4	\$	12.50
AIL-T6	Manual aileron trim for RV-6/6A	\$	38.00
AIL-T8	Manual aileron trim for RV-8/8A	\$	75.00
AIL-T79	Manual aileron trim for RV-7/7A,9/9A	\$	41.00

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Van's Aircraft
Ordering Options

Electric Flap Conversion Kits

Convert From Manual to Electric Flaps



Convert from manual to electric flaps in the RV-4 and RV-6/6A. Standard on the RV-8/8A and the RV-6/6A Quickbuilds. One of the more popular options. Eliminates the passenger leg/flap handle interface (RV-4) or the "where do I put the elbow?" (RV-6)! Simple, reliable, light motor/worm gear unit with built-in clutch raises or lowers the flaps in about 7 seconds. The complete kit includes a new flap actuator weldment. Current flap actuator can be modified by welding provided components to existing weldment. Installation adds about 1-1/2 to 2 pounds to aircraft weight. This is the one electric option endorsed by Van!

RV-4 EF-A	RV-4 Flap conversion using manual flap weldment	\$ 410.00
RV-4 EF-C	RV-4 Flap conversion with replacement weldment	\$ 500.00
RV-6 EF-A	RV-6/6A Flap conversion using manual flap weldment	\$ 390.00
RV-6 EF-C	RV-6/6A Flap conversion with replacement weldment	\$ 500.00

Step Kits

External Cabin Steps for the RV-6A, 7A, and 9A

It can be quite a step up to the wing walk of the RV-6A, 7A, or 9A. This 4130 steel weldment is strong and low drag in design. Not a difficult installation on a finished aircraft, but does require removing the baggage floor. Kit includes instructions, step and all necessary hardware. Available for Left (pilot) or Right (passenger) side of fuselage.

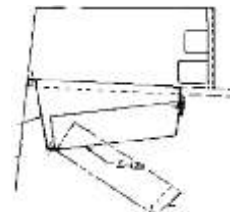


STEP KIT LEFT	Pilot side cabin step kit	\$ 85.00
STEP KIT RIGHT	Passenger side cabin step kit	\$ 85.00

RV-4 Forward Baggage Compartment

Suspended Baggage Compartment Under Instrument Panel

Hinged aluminum "glove box" tray drops down under the instrument panel to provide handy storage for charts, sunglasses, etc. Tall pilots may find it interferes with their knees and it may not work with some avionics/panel installations.

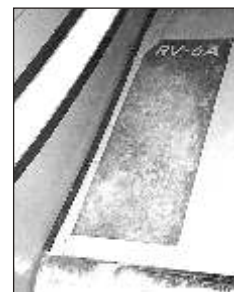


BAG-KIT	RV-4 baggage compartment	\$ 50.00
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Custom Non-Skid Wing Walks

Self-Adhesive RV Specific Wing Walk

Self-adhesive non-skid material has low profile but high grip surface. Aircraft type (RV-4, RV-6, RV-8A, etc) is cut from the forward portion, allowing the lettering to show in the aircraft color. 9.5 inches by 26.5 inches long. Any color you want as long as it is Black. Tandem aircraft require 1 each, side-by-side aircraft require 2 each.



WING WALK -4BLK	Black non-skid wing walk for RV-4	\$ 18.95
WING WALK -6BLK	Black non-skid wing walk for RV-6	\$ 18.95
WING WALK -6ABLK	Black non-skid wing walk for RV-6A	\$ 18.95
WING WALK -7BLK	Black non-skid wing walk for RV-7	\$ 18.95
WING WALK -7ABLK	Black non-skid wing walk for RV-7A	\$ 18.95
WING WALK -8BLK	Black non-skid wing walk for RV-8	\$ 18.95
WING WALK -8ABLK	Black non-skid wing walk for RV-8A	\$ 18.95
WING WALK -9ABLK	Black non-skid wing walk for RV-9A	\$ 18.95
WING WALK BLACK	Black generic non-skid wing walk	\$ 15.95

Fuel Pick-Up Tube

Prefab Unit for Replacing Customer Built Units Inside Tanks

Installs inside fuel tank, replacing scratch built unit shown on plans. Complete with AN fitting and stainless steel finger screen.



F FUEL TANK PU W/SCRN	Rigid fuel pick-up tube	\$	12.50
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Fuel Selector Valves

Alternative and Replacement Fuel Selector Valves

Beautifully crafted valves made by RV (and Airbus component) builder Andy Phillips. Lifetime materials, compatible with all fuels. The FS20x3 valve has 180 degree swing and a positive "lift and turn" feature to prevent inadvertently selecting the off position. The FS20x20-3 valve has the same feature but is a dual valve with 3/8 inch port for fuel supply and 1/4 inch port for fuel return to the selected tank.

Kit supplied fuel selector valve was redesignated in the early 90's as a brass-on-nylon valve with smooth non-binding operation. This 4 port valve can be plumbed for either 90 degree or 180 degree tank selection. If your valve is stiff and hard to turn, we recommend replacing it before the fan on the front of the aircraft quits turning due to fuel starvation and you start sweating while trying to turn the valve selecting the tank with fuel in it.



FUEL VALVE FS 20x3	180 Degree "lift and turn" fuel valve	\$	147.00
FUEL VALVE FS 20x20-3	180 Degree dual "lift and turn" fuel valve	\$	365.00
FUEL VALVE	Standard brass-on-nylon 90/180 degree 4 port valve	\$	34.00

Koger Sunshade for Side-by-Side Models

Convenient Overhead Retractable Sunshade for RV-6/6A/7/7A/9A

A convenient overhead retractable sunshade for either the tip-up or sliding canopy. The same bubble canopy that gives such good visibility can get uncomfortably hot in the direct sun. Developed by RV-6A builder Ralph Koger, this retractable sunshade makes summer flying much more pleasant! Well made, durable and light. Flying in our factory aircraft - but you will have to get your own, because we are not giving ours up!



KOGER SHADE -6 SLIDER	Retractable shade for side-by-side sliding canopy	\$	149.00
KOGER SHADE -6 TIP-UP	Retractable shade for side-by-side tip-up canopy	\$	149.00

Jackpoint Kit

Jackpoint (2ea) for Wing Tie-Down and Clamp for Round Gear

Steel fitting clamps to RV-3/4/6/6A/8A/9A gear leg (not for RV-8) and provides jack point for floor jack. Also includes two screw-in points for wing tie-down fitting for use with wing jacks.



JACK POINT	Jack point kit for gear leg and wing tie-down.	\$	18.85
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1. Shop on-line at www.vansaircraft.com
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3. Fax your order to 503.678.6560
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Van's Aircraft
Ordering Options

Rear Seat Rudder Pedals

Optional Rudder Pedals for the Passenger in Tandem Models

Although neither the RV-4 nor the RV-8/8A are intended to be soloed or landed from the rear seat, many pilots like to share the flying experience with their passengers. These rudder pedals may be retrofitted to finished aircraft. No provision for brakes. Kit includes pedals, mounting hardware and instructions.

RSR-PED	RV-4 rear seat rudder pedals	\$	105.00
RSR-PED-8	RV-8 rear seat rudder pedals	\$	93.00
RSR-PED-8A	RV-8A rear seat rudder pedals	\$	175.00

Side-by-Side Dual Brake Kit

Optional Brakes for the Passenger in the RV-6/6A, RV-7/7A, RV-9/9A

Allows complete control from either seat. Kit includes master cylinders, hoses and all hardware. No master cylinders are supplied with floor mount kits.



BRAKE DUAL OVERHEAD	Passenger brakes for overhead mounted rudder bars (RV-6/6A, RV-7/7A, RV-9/9A)	\$	170.00
RV-6/6A DUAL BRAKE FL	Passenger brakes for floor mounted rudder bars (RV-6/6A)	\$	85.05

Stainless Steel Pitot Tube

Prefabricated Pitot Tube and Cover

Resists corrosion and some prefer its appearance. Retrofit finished aircraft easily without modifications.

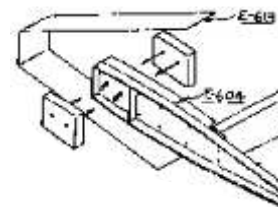


VENT P-100	Stainless pitot tube and red cover	\$	12.00
VENT P-110	Red pitot cover	\$	4.00

Counterweights

Precast Lead Counterweights for Elevators and Rudder

Replacement pre-cast lead counterweights for the control surfaces on the RV aircraft. Multiple sizes exist so caution should be used when ordering. Consult your original kit picking ticket and blueprints for exact part number for your application.



E-614	Counterweights for 0.016 Elevator Skins Early RV-6/6A	\$	5.50
E-614-020	Counterweights for optional 0.020 Skins, RV-6/6A, Early RV-7/7A, RV-8/8A, and RV-9/9A	\$	6.00
E-714	Counterweights for 0.020 Skins, Late Model RV-7/7A and RV-8/8A	\$	7.15

RV-4 Canopy Safety Latch

Safety Latch for RV-4 Canopy

A couple of RV-4 pilots have proven that the RV-4 can be flown and landed after the canopy has come off in flight, so why repeat the experiment? They won't! Standard equipment on kits since 1989. We encourage the installation on any RV-4 that does not have one.



BAG 951	RV-4 canopy safety latch	\$	9.50
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Wheel Fairing Kits

Low Drag Two Piece Wheel Pants and Mounting Kit

These fiberglass fairings are split vertically, allowing the front half to be removed for access to the wheel. They are deeper and provide more complete wheel coverage and a tighter fit to the tire. This gives less drag, but may be subject to more damage on rough fields. Includes all parts and installation hardware for two main wheels. Standard on Finish Kits since the beginning of 1999. Not for nose wheels.



WHL FAIRING KIT,PRFLT	Wheel pants for RV-8 flat bar gear	\$	255.00
WHL FAIRING KIT,PROD	Wheel pants for RV-3/4/6/6A/7/7A/8A/9/9A round rod gear	\$	260.00
WHL FAIRING KIT,NOSE	Wheel pant for 6A/7A/8A/9A Nose Gear	\$	107.00

Firewall Recess Kits

Stainless Steel Recess in Firewalls for Filters/Governors

If you are installing a constant speed prop and your engine has an accessory case mounted governor (most do), you will need to put a recess in the firewall (except RV-8/8A). Necessary for most spin-on oil filters too. We suggest doing it during initial construction. These kits provide the stainless steel material and instructions for the job.



F-601K-1	Folded and ready to rivet box for insertion in RV-6/6A/7/7A/9/9A	\$	25.00
SS304-26GAX 10X12	Flat sheet of stainless steel for covering hole in firewall. RV-6/6A/7/7A/9/9A	\$	5.00
SS304-4-26GA	Flat sheet of stainless steel and pattern for RV-4	\$	5.00

Full Swivel Tailwheel Assembly

Full Swivel Tail Wheel Upgrades

Sturdy unit makes maneuvering your taildragger into crowded hangars or parking spots much easier. Included as standard equipment in Finish Kits shipped since early 1997. With a simple modification to the tailspring, it may be installed on finished aircraft. Uses standard tailwheel. Unit does not include tailwheel nor axle bolt.



U FSTW-ASSY	Full swivel assembly plus tail spring	\$	170.00
U FSTW-W/O SPRING	Adapt your existing spring and mount this swivel	\$	108.00

Firewall Shields

Stainless Steel Shields for Protecting Grommets in Firewall

Stainless steel shields protect firewall wiring grommets from excessive heat. Available in three sizes of dimples for different grommets (3/4", 1" and 1-1/4") and 4 sizes of center holes (2-piece only). Two piece easily installed around wires already in place. Use single piece when wires can be threaded through. Single piece center holes may be drilled to desired size. Both styles have 5/32 inch mounting holes.



Part Number	Grommet OD	Grommet ID	Qty	Pieces	Price
SSFS-3/4X1/4H	3/4"	1/4"	2pc		\$ 7.50
SSFS-3/4X3/8H	3/4"	3/8"	2pc		\$ 7.50
SSFS-3/4X1/2H	3/4"	1/2"	2pc		\$ 7.50
SSFS-3/4XPILOT	3/4"	Pilot	1pc		\$ 5.30
SSFS-1X1/4H	1"	1/4"	2pc		\$ 7.50
SSFS-1X3/8H	1"	3/8"	2pc		\$ 7.50
SSFS-1X1/2H	1"	1/2"	2pc		\$ 7.50
SSFS-1XPILOT	1"	Pilot	1pc		\$ 5.30
SSFS-1 1/4X 1/4H	1 1/4"	1/4"	2pc		\$ 7.50
SSFS-1 1/4X 3/8H	1 1/4"	3/8"	2pc		\$ 7.50
SSFS-1 1/4X 1/2H	1 1/4"	1/2"	2pc		\$ 7.50
SSFS-1 1/4X 3/4H	1 1/4"	3/4"	2pc		\$ 7.50
SSFS-1 1/4XPILOT	1 1/4"	Pilot	1pc		\$ 5.30

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Van's Aircraft
Ordering Options

Static Air Kit

Provides a Static Air System

Simple static kit that fits all models. Provides a static port for each side of fuselage. Static kit fits all models. Includes static ports, tube and fittings for instruments.

STATIC-KIT	Static kit for all models	\$	18.50
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Axle Shims

Shims for RV-8 Flat Bar Gear to Align for Toe-In and Camber

The separate RV-8 axle may require tapered shims to align the wheels correctly. Available in 0.5 and 1 degree increments.

U-811A	1 degree alignment shim	\$	8.00
U-811B	0.5 degree alignment shim	\$	8.00

Parking Brake Valve

Valve to Hold Hydraulic Pressure on Brakes When Set

Holds hydraulic pressure on the brakes. Requires hoses specific to individual installation (not included) and an activation control cable or panel lever.

BRAKE PARKING P V-1	Parking brake valve	\$	95.00
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Transducer Manifold

Mount for 3 Transducers

This device mounts on the firewall and provides a mount for 3 individual pressure systems (manifold, oil and fuel pressure). Each section has three ports, one for the flex hose, one for the transducer and one for a second transducer/switch. Flex hoses will go between the engine and the manifold. Transducers are typically not mounted on the engine due to possible failure because of vibration. Pipe plugs are available to terminate the third port if not used.



VA-168	3 port manifold/mounting block	\$	15.56
F 1/8 PIPE PLUG BRASS	Pipe plug for unused ports	\$	0.64

Tie Down Rings

Forged Tiedown Rings for Wing Fittings

Forged 3/8-16 plated rings for installation in the tie-down fittings in the wing. Easily removed for flight. Order two, one for each wing.



BOLT EYE 3/8-16 T.D.	Tie-down rings	\$	3.50
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Placards

Certain decals, Stainless steel placards are required on your RV. This should provide most of them.

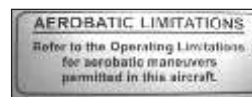
Aerobatic Limitations Placard

Free to Our Builders

This 1-1/2" x 4" self adhesive Aerobatic Limitations Placard is available.

Free to our builders with any purchase from Van's Aircraft.

This placard cautions pilots to be Familiar with the operating limitations of the specific airplane that is being flown.



PLA AEROBATIC LIMITS	LIMITS PLACARD / FREE	\$	0.00
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Placards

Decals and Stainless Steel Data Plates

Decals and stainless steel data plates.



VAF EXPER DATA PLATE	STAINLESS STL PLATE	\$	12.00
PLA EXPER DATA PLATE	Stainless data plate	\$	2.75
PLA EXPERIMENTAL 2"	2" Decal 'EXPERIMENTAL'	\$	2.50
PLA PASSENGER WARNING	Passenger Warning Decal	\$	2.50
PLA OPEN (LEFT)	Canopy open decal CCW	\$	2.80
PLA OPEN (RIGHT)	Canopy open decal CW	\$	2.80

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Heating and Ventilation

Rvs commonly fly at altitudes where heat is necessary, and of course, flying in the cold clear weather of winter is always exhilarating. It's a lot nicer if your lips aren't frozen together. Cabin heat is a must to get full pleasure and utility out of your airplane. Build your own custom system that works for you.

Keeping warm is only part of the comfort zone. Proper ventilation is a must for flying in the warmer months. The same canopies that give Rv's excellent visibility also let in a lot of sun and temperatures in the cabin can quickly climb to uncomfortable levels. Cockpit ventilation is a must. The systems here have been proven to be light, affordable and effective.

Note: The RV-8 ventilation system for both the fuselage and wing are provided as part of the fuselage kit.

Heater Selector/Bypass Box

Firewall Mounted Warm Air Selector/Bypass Box

Box mounts on the engine side of the firewall and either routes warm air to the cockpit or dumps the warm air overboard. Air heated in the heat muff must continually flow to keep from overheating components and destroying items such as the muff or the scat tube. Requires control cable to select heat on/off.



CT A-740 BLACK	Heat selector control cable	\$	24.30
VENT DL-01	Square box with 2" outlet flange	\$	63.75
VENT DL-01SS	Stainless mounting plate/tube, shaft and selector door, w/2" dump tube	\$	73.75
VENT TG-10	Triangular light weight box	\$	62.50
VENT TG-10 KIT	Same as above but in kit form for self assembly	\$	30.00

Warm/Cool Air Selector/Mixer

Cabin Air Mixer

This unit has not only the capability of providing warm air to the cockpit but also cool air, or mix both. There are two parts to the unit. The "T" section (engine side of firewall) has a flapper to direct cool air from one side and/or warm from the other side. This section is designed to be riveted or bolted to the firewall.

The short expanded section slips over the protruding tube and is clamped with a stainless steel hose clamp. The flap in this section closes off all air from the unit. The hose clamp, a gasket and four stainless blind rivets are furnished. The shafts, arms, and flapper valves are all stainless steel. The bushings are brass and the tubing is 2" OD 6061-T4. The weight is 5.2 ounces.



VENT AIR MIXER CHV-1	Air Mixer	\$	90.00
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Cabin Heat Muffs

Heat Muffs Mounts on Exhaust Pipe

This heat muff is the same universal one that comes with our regular exhaust system. It is applicable on either the left or right side of the engine and is the largest one that will conveniently fit within our cowls.



VENT DL-05	UNIVERSAL HEAT MUFF	\$	105.00
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2" Flanges

Flanged 2" Tube for Baffle or Bulkheads

Flange rivets to baffle for obtaining fresh air for the heating system. Flush mount on baffle surface and 2" tube for attaching SCAT tube. The FLANGED DUCT allows penetrating bulkheads by providing 2" tube on both sides of flange. Tube projects 1" from each side of mounting flange.



VENT DL-03	SCAT tube flange	\$	6.00
VENT 2" FLANGED DUCT	Flanged duct for penetrating bulkheads	\$	8.00

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Van's Aircraft
Ordering Options

SCAT Tube and Clamps

Hi-Temperature Tubing for Ducting Air in Engine Compartment

Standard aircraft wire reinforced hi-temp tubing for ducting warm air to and from the heat muff in the engine compartment. Clamps are stainless steel.

VENT SCAT 2X3'	SCAT tube 2" dia. x 3' long	\$	20.00
VENT SCAT 2X6'	SCAT tube 2" dia. x 6' long	\$	40.00
VENT SCAT 2X12'	SCAT tube 2" dia. x 12' long	\$	75.00
AN737TW-66	2" HOSE CLAMP	\$	1.25

90 Degree Elbow

2 inch Diameter

90 degree elbow designed for redirecting heat or vent airflow. One end is swaged large enough to fit over a 2" outside diameter aluminum tube and the other end is a 2" outside diameter designed to insert into SCAT tubing.



VENT DL-04	2" Duct Elbow	\$	16.25
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2 inch 'Y' Tube

Vent DL-Y

'Y' tube provides a method of routing warm/cool air to two different locations. End with clamp is expanded to fit over standard 2" flanges offered above and two ports for SCAT tube interface.



VENT DL-Y	2" 'Y' Tube	\$	17.50
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Cool Air Vent Components

Systems and Components for Do-It-Yourself Ventilation

Two types of fresh air ventilation can be obtained.

1. The direct sidewall mount ventilator. The sidewall mount ventilator offers direct air for hot spots. Part number **CA LV-3 VENTILATOR** is 2 inches in diameter with a 1-1/4" diameter opening.
2. The standard NACA vent with the eye-ball valve/director part number: **VENT SV-5** is 3 inches square with a 1-5/8" diameter opening.
The NACA type system has been successfully used on all models.



The **VENT SV-COMBO** includes:

- 1 each SV-1,2,3 and 5 for the complete system.
- 2" hose clamps part number **AN737TW-66** are used to attach the vent hose to the SV-1 and SV-2.

CA LV-3 VENTILATOR	Cabin sidewall mount personal vent		65.00
VENT SV-COMBO	Complete vent system for one seat with drawing and instructions	\$	30.00
VENT SV-COMBO X2	Complete vent system for two seats with drawing and instructions	\$	60.00
VENT SV-1	NACA low drag sidewall mount hose interface	\$	5.00
VENT SV-2	Hose adaptor for SV-5 ventilator	\$	4.00
VENT SV-5	Ventilator provides eyeball type air directional control and valve.	\$	17.00
VENT SV-1/2	One each SV-1 and SV-2 at a lower price	\$	8.60
VENT SV-3	3 feet of 2" fresh air ducting tube	\$	7.50
VENT HOSE 2X6'	6 feet of 2" fresh air ducting tube	\$	15.00
AN737TW-66	2" HOSE CLAMP	\$	1.25

Lighting Considerations

Lighting is a major decision that should be made at the time of ordering the first kit, the empennage. It is not required, at least for day VFR flight, to equip your RV with lights. Airplanes without them are lighter, simpler and less expensive. For those who would like the option of flying at night, or wish to make themselves more visible, Van's offers several options. These include position and anti-collision light systems manufactured by Whelen Engineering, leaders in aviation lighting for many years. There are also landing and taxi lights, and several different ways to mount position lights on the wingtips. We don't think any one is best--best is the system that does what you want it to...

Builders of the RV-7/7A and RV-9/9A as well as RV-8/8A aircraft using the new sheared wing tips must use: Lighting SYSTEM 6.

- The A600 lamp includes colored wingtip, aft-facing white position lights and a strobe. This system is mounted on the external surface of the wing and meets all of the requirements for position and anti-collision lighting for the old style flat top wing tips only.
- The A650 contains the colored wingtip position light and a strobe, but the aft-facing white light must be mounted on the tail. The A650 lamp assembly can be mounted externally on the wingtip, or mounted within an enclosure on the wingtip.

O.E.M. agreement with Whelen. The Whelen lighting systems and components offered are under an O.E.M. agreement with Whelen and are ONLY available for sale to builders of Van's Aircraft kits.

* Denotes a Whelen product.

Strobe/Position Lighting Systems*

Six Lighting Systems for Legal Night Flying

SYSTEM 1, Option A: Operates up to three strobes in either alternating (660 cp) or simultaneous (380 cp) modes. One unit, mounted on each wingtip, provides a strobe, colored position light, and an aft-facing white position light. Eliminates the need for lights and wiring in the tail.

- 1ea A-413A-HDA-CF-14 Power supply
 - 1ea A600PG-14 Green position light with white aft
- 1ea A600PR-14 Red position light with white aft facing light & strobe
 - 1ea HD-60-1 Installation package

SYSTEM 1, Option B: Operates up to three strobes in either alternating (660 cp) or simultaneous (380 cp) modes. One unit, mounted on each wingtip, provides a strobe and a colored position light. A separate white position light is mounted in the tail, usually on the rudder bottom.

- 1ea A-413A-HDA-CF-14 Power supply
 - 1ea A650PG-14 Green position light & strobe
 - 1ea A650PR-14 Red position light & strobe
- 1ea A555-14 White tail position light
 - 1ea HD-60-1 Installation package

SYSTEM 2: Includes a separate power supply for each wingtip strobe.

SYSTEM 2, Option A: Power supply is installed adjacent to the strobes, eliminating long high voltage wiring runs. One power supply is required for each strobe. A simple connection provides simultaneous flashing. White aft-facing position lights on the wingtip eliminate need for lights or wiring runs in the tail.

- 2ea A490-TS-CF Power supplies
 - 1ea A600PG-14 Green position light with white aft facing light & strobe
- 1ea A600PR-14 Red position light with white aft facing light & strobe
 - 2ea HT-10-1 Installation package

SYSTEM 2, Option B: Similar to Option A except white position light is mounted in tail, usually on the rudder bottom.

- 2ea A490-TS-CF Power supplies
 - 1ea A650PG-14
 - 1ea A650PR-14
- 1ea A555-14 White tail position light
 - 2ea HT-10-1 Installation package

SYSTEM 3: Utilizes wingtip position lights, a tail mounted rear position light and a single 600candlepower strobe, usually mounted on the vertical stabilizer tip.

- 1ea A490-TS-CF Power supply
 - 1ea W1285 PG-14 Green position light
 - 1ea W1285 PR-14 Red position light
- 1ea A555-14 White tail position light
 - 1ea A650 Strobe light assembly
 - 1ea HT-10-1 Installation package

SYSTEM 4: Three position light system with no strobes. Includes:

- 1ea W1285PG-14 Green position light
 - 1ea W1285PR-14 Red position light
- 1ea A555-14 White tail position light

SYSTEM 5: A single 600 candlepower strobe, usually mounted on the tip of the vertical stabilizer.

- 1ea A490-TS-CF Power supply
 - 1ea A650 Strobe light assembly
- 1ea HT-10-1 Installation package

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Strobe/Position Lighting Systems (Continued)

SYSTEM 6: Includes position lights, wingtip strobes and a combination tail light/strobe.

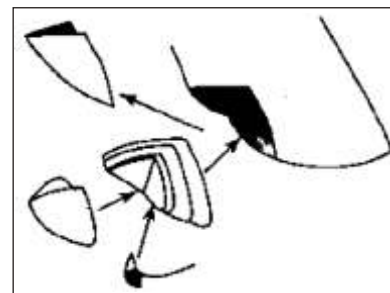
- 1ea A650-PG-14 Green position light & strobe
- 1ea A650-PR-14 Red position light & strobe
- 1ea A413A-HDA-CF-14 Comet flash power supply
- 1ea HD-60-1 Installation package
- 1ea A441-3 3-pin connector
- 1ea A442-3 3-pin socket
- 1ea A500-14 Combination tail light/strobe

LN SYS1-A1	System 1, Option A	\$ 699.00
LN SYS1-B1	System 1, Option B	\$ 717.75
LN SYS2-A	System 2, Option A	\$ 851.00
LN SYS2-B	System 2, Option B	\$ 869.75
LN SYS3	System 3	\$ 551.75
LN SYS4	System 4	\$ 210.00
LN SYS5	System 5	\$ 343.00
LN SYS6	System 6	\$ 780.00

Airtech Wingtip Lens Kit

Complete Drop-in Lens Kit

Lens kit developed by an experienced RV builder. Contains separate lenses for each wing, and premolded fiberglass inserts that fit both the wingtip and the lens precisely. Somewhat larger than the kit below. A very nice, complete kit, which does both wings. No light fixtures or bulbs. This kit is **ONLY** for Standard Flat-Top Wingtips. **NOT FOR USE** on Sheared Wing Tips.



LN AT TIP LITE	Airtech Wingtip Lens Kit	\$ 168.00
LN AT TIP LENS LEFT	Replacement Lens	\$ 27.50
LN AT TIP LENS RIGHT	Replacement Lens	\$ 27.50

Simple Wingtip Lens Kit

Flush Mounting Lens Fits Neatly Into the Fiberglass

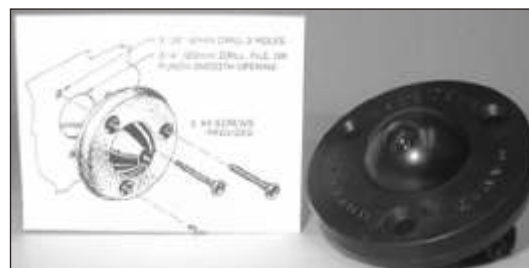
This kit fits in the wingtip of all aircraft with the Standard Flat-Top Wingtips. The clear lenses cover the position lights and eliminate the drag of a protruding light blister. Not meant to cover strobes or the multiple-light installations, but has been accomplished. Includes clear lenses and mounting hardware for both wings. No light fixtures or bulbs.

LN CLEAR LENS KIT	Simple Wingtip Lens Kit	\$ 30.00
VA-148	Replacement Lens. Does both wings	\$ 13.50

Eyeball Cockpit Lights

Small Adjustable Lights

Small light casts a soft orange light. Usually mounted on side rails of cockpit, two or three are enough to light an entire instrument panel.

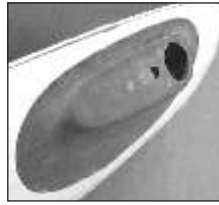


LC ECL-01	Eyeball Cockpit Light	\$ 12.50
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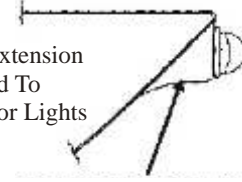
Nav Light Extensions

Extensions to Fiberglass Wingtip

Improve the position of nav/strobe light assembly and increase coverage. Simple to install. Two sizes--be sure to order the one that fits your light installation. For use ONLY with the Standard Flat-Top Wingtips. NOT FOR USE with Sheared Tips.



Molded Extension
Added To
Wingtip For Lights



LN W/TIP MOUNT PAIR	Extension for A600 left and right tips	\$	42.00
LN W/TIP MOUNT LEFT	Extension for A600 left tip	\$	21.00
LN W/TIP MOUNT RIGHT	Extension for A600 right tip	\$	21.00
LN POS LT MOUNT-PAIR	Extension for A-650 or W-1285 lamphead	\$	38.00
LN POS LT MOUNT-L	Extension for A-650 or W-1285 lamphead	\$	19.00
LN POS LT MOUNT-R	Extension for A-650 or W-1285 lamphead	\$	19.00

Leading Edge Landing/Taxi Light Kit

Complete Kits From Duckworks



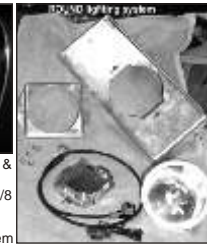
Photo of an HID and Halogen light on an RV-6. Notice the intensity of the HID Lamp!



RECTANGULAR: LL DW-01 & LL DW-09



HID: LL HIDW-01 RV-4/6/7/8 & LLHIDW-01 RV-9 ONLY
ROUND: LL DW-02 RV-4/6/7/8 & LL DW-02 RV-9 ONLY



ROUND lighting system

Standard lighting kits:

■ RECTANGULAR: LL DW-01 & LLDW-09

This kit includes a formed lens, aluminum parts, lamp, hardware and computer generated drawings and templates. Installs through a hole in leading edge, so it is easily retrofitted to a finished wing. Adjustable at installation to either taxi or landing angle. Many builders put one in each wing. This lamp uses a RECTANGULAR reflector and readily available automotive headlamp bulbs.

Advanced lighting kits:

■ HID: LL HIDW-01 RV-4/6/7/8 & LLHIDW-01 RV-9 ONLY

The **HID** or "High Intensity Discharge" light system mounts in our standard, lightweight, easily adjustable mount, using a new retaining bracket. The primary benefit to this light is the incredible amount of light it puts-out. See the photo above of an HID and Halogen light on an RV-6. Notice the intensity of the HID Lamp! Features:

- Round reflector with an attached glass lens.
- Standard "Aircraft Landing Light (PAR-36)" form factor.
- 'Lifetime' HID bulb (no filament to burn-out).
- System comes with warranty.
- Extremely bright, white light
- Significantly less power consumption, just 35 watts (3a).
- Less heat generation
- Increased ground/taxi visibility

Notes: This lamp will add approximately 2 pounds to aircraft.

HID is NOT compatible with 'Flasher' devices. 'Flashing' the lamp will cause premature failure.

■ ROUND: LL DW-02 RV-4/6/7/8 & LLDW-02 RV-9 ONLY

The **ROUND** lighting system is a 100w Halogen bulb in a 4-inch "PAR 36" reflector. This light is the same reflector as the HID but with a low-cost Halogen bulb. Some builders have expressed the desire for a round light, and this is a good opportunity to offer one. This light will provide some increase in light output and coverage over the standard RECTANGULAR light.

LL DW 01	Landing/Taxi light for RV-4/6/7/8s	\$	75.00
LL DW LENS ONLY	DW-01 Replacement lens only	\$	12.00
LL DW 09	Landing/Taxi light for RV-9s	\$	75.00
LL DW 09 LENS ONLY	Replacement lens only RV-9s	\$	15.00
LL DW-02 RV-9 ONLY	Round 100w Landing/Taxi light for RV-9s	\$	115.00
LL DW-02 RV-4/6/7/8	Round 100w Landing/Taxi light for RV-4/6/7/8s	\$	115.00
LL HIDW-01 RV-9	HID Landing/Taxi light for RV-9s	\$	450.00
LL HIDW-01 RV-4/6/7/8	HID Landing/Taxi light for RV-4/6/7/8s	\$	450.00

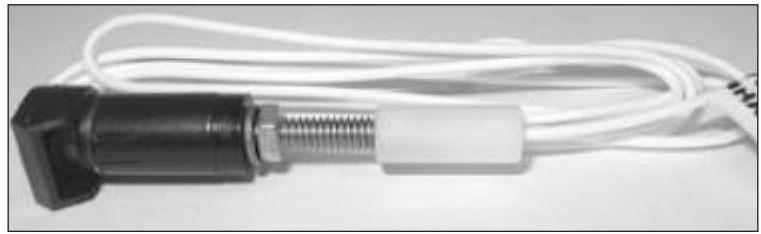
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Van's Aircraft
Ordering Options

Whelen Post Lights*
Red, Blue or Clear Light

Panel lights to be used for individual lighting of instruments; 14 volts.



LC A350CN-RD-BK-SH-14	RED post light	\$	25.50
LC A350CN-CL-BK-SH-14	CLEAR post light	\$	25.50
LC A350CN-1W-BK-SH-14	BLUE post light	\$	25.50

Components for Building Your Own System

The individual components can be purchased for your own customized lighting system. Replacement bulbs and covers are also available at the end of this section.

Wingtip Strobe/ Position/Rear Position Light*

Single Unit Provides Anti-Collision and All Position Lighting

One piece unit includes colored position light, strobe, and a white, aft facing light.



LN A600-PR-14	Tip mounted 3 lights in one-red	\$	170.00
LN A600-PG-14	Tip mounted 3 lights in one-green	\$	170.00

Wingtip Strobe/Position Light*

Single Unit Provides Colored Position and Anti-Collision Light

One piece unit combines wing position light and strobe. Requires white tail light on rudder.



LN A650-PR-14	Red position light and strobe	\$	145.00
LN A650-PG-14	Green position light and strobe	\$	145.00

Strobe Piggyback Unit*

Used as a Mold-In Stabilizer Tip Strobe

Fits over teardrop position light, sometimes used as a stabilizer tip strobe.



LN A650	Strobe piggyback unit	\$	90.00
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White Tail Position Light*

White Tail Light (A555) and Tail Light/Strobe (A500)

Fits RV rudder fairing.



LN A555-14	White tail position light	\$	68.75
LN A500-14	White tail position/strobe light	\$	125.00

Single Strobe Assembly*

Strobe Lights and Mount

Mounted in vertical tail of production airplanes, but could be used elsewhere.
Strobe light and mount only.

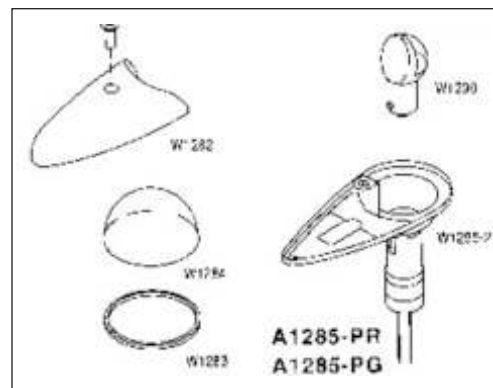


LN A625	Single strobe assembly	\$	80.00
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Teardrop Position Lights*

Wingtip Mount Position Lights

Red and green position lights for wingtips.



LN W1285-PR-14	Red position light	\$	75.00
LN W1285-PG-14	Green position light	\$	75.00

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Van's Aircraft
Ordering Options

Strobe Installation Packages*

Wire and Connectors for Power Supply to Lamphead

For those who are making up their own systems.

LN HT-10-1	10' of cable and connector for 1 strobe	\$	18.00
LN HS-30-1	30' of cable and connectors for 2 strobes	\$	28.50
LN HD-60-1	60' OF cable and connectors for 3 strobes	\$	44.00

Power Supply*

Two Supplies for Single or Three Bulb Operation

A413A power supply runs up to three strobe lamps. A490 power supply runs one strobe lamp.

LN A413A-HDA-CF-14	Three bulb supply	\$	340.00
LN A490-TS-CF-14	Single bulb supply	\$	250.00

Replacement Parts*

Replacement Parts for Navigation and Strobe Systems

Replacement parts for navigation and strobe systems.



LN W1283	POSITION LIGHT GASKET	\$	5.00
LN A441-3	MOLEX CONNECTORS Connects power supplies to cable (MALE 3-PIN)	\$	2.94
LN A442-3	MOLEX CONNECTORS Connects power supplies to cable (FEMALE 3-PIN)	\$	2.94
LN A610	REPLACEMENT FLASHTUBE for use in A 600 or A650.	\$	60.00
LN W1284-C	CLEAR REPLACEMENT LENSES For A600, A650, W 1285 wingtip position lights	\$	12.50
LN W1284-R	RED REPLACEMENT LENSES For A600, A 650, W 1285 wingtip position lights	\$	12.50
LN W1284-G	GREEN REPLACEMENT LENSES For A600, A650, W1285 wingtip position lights	\$	12.50
LN A612 LENS,CLEAR	REPLACEMENT LENSES For A600, A 650, A625 strobe	\$	17.88
LN A615	REPLACEMENT LENSES For A600 rear position light	\$	21.25
LN A457A	REPLACEMENT LENSES For A500, A555 tail light	\$	20.00
LN W1290-14	REPLACEMENT BULBS For W 1285, A-650, A-600 (colored position light)	\$	12.50
LN A508-14	REPLACEMENT BULBS For A500, A555, A650 (white position light)	\$	14.50
LC POST LIGHT BULB 14	REPLACEMENT BULBS For post lights	\$	0.95
LN A507	Socket for A-508 bulb	\$	11.50

Electrical Components

The electrical devices are available as individual components and as kits.

Batteries

Aircraft 25ah Batteries

Concorde's recombinant gas design means superior charging and better cold starting performance than traditional gel cells. The XC version has even more power. Sealed lead-acid design will not leak.

The **Odyssey** Battery has excellent cranking power (600 amps) in a small, light battery: 7-3/16" x 2-7/8" x 6-5/8" and only 14.5 lbs. Dry Cell technology means no leaks and longer shelf life.



ES 25RG	Concord 25RG battery (22.70 LBS)	\$ 102.00
ES 25RG-XC	Concord 25RG-XC battery (22.95 LBS)	\$ 112.00
ES PC680	Odyssey Battery (14.50 LBS)	\$ 80.00
ES PC680 INSTALL KIT	Installation Kit for Odyssey battery	\$ 50.00

Intercom Wiring Harness

Intercom Installation Made Easy

This intercom wiring harness makes installing an intercom in your RV and connecting it to your radio(s) simple. The installation includes a terminal strip that allows for clean connections from any standard aviation Com Transceiver or Audio Panel. This makes it a simple task to connect a radio to the intercom system or make a change/upgrade at a later date. This harness is only for use with the Flightcom model 403, 403MC, and 403D intercoms. Except for clipping one wire, the harness is supplied ready to use with intercom model 403MC. Minor modifications are required for use with models 403 (cutting jumper wires at the connector) or 403D (soldering five new connections).



ES WH-ICM-1	INTERCOM HARNESS KIT	\$ 150.00
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Wiring Kits

Several Kits Available to Suit Your Skill/Creativity

Van's Aircraft has several wiring options for our kit builders:

- A raw materials wiring kit: ES EWC-KIT
- A kit for the builder who wishes to wire his own kit from scratch. The kit includes a variety of lengths of Tefzel wire (268') and suitable connectors, heat shrink tubing, nylon ties, terminal boots, etc. There is even a basic wiring schematic.
- Wiring harness kits: ES WH 6/7/9 KIT, ES WH-8 FWD or AFT
- These are actual finished wiring harnesses for the various RV's. These harnesses have all wire pre-cut to length and terminals installed. It looks like a giant nervous system! It is intended to be the simplest and quickest way to install the routine necessary wiring. These are custom to the specific aircraft and are the BEST BUY for the builder. It includes installation directions and drawings. This system is designed to be easily modified/updated to meet the specific needs of the builder.
- Assorted circuit breaker switches for above kits: ES WH-SW. A good buy in the generally needed circuit breakers and circuit breaker switches (10 INCLUDED) most often used with the above harnesses.

Specifically: ■ 2 ES PBB-5 ■ 4 ES PBB-10 ■ 1 CB 1648-009-060
 ■ 1 PBB-5A CB ■ 1 ES PBB-10A CB ■ 1 2GK54-73 SWITCH

If you are using two landing lights, an additional ES PBB-10 must be ordered.



ES EWC-KIT	BASIC RV WIRING KIT	\$ 180.00
ES WH 6/7/9 KIT	WIRE HARNESS 6/7/9	\$ 275.00
ES WH-8 AFT	RV-8/8A aft mounted battery harness kit	\$ 250.00
ES WH-8 FWD	RV-8/8A fwd mounted battery harness kit	\$ 240.00
ES WH-SW	Switch kit for above WH kits	\$ 164.00

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Van's Aircraft
 Ordering Options

Magneto Switch

Conventional Mag Switch with Start

Keyed ignition switch with plate. Provides off, right, left, both and start positions. Mounts thru rear of panel in 7/8" hole. Package includes two locks for things like canopy and baggage compartment. Includes two keys.



ES A-510-2K	Magneto switch with start	\$	82.50
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Starter Solenoid

Intermittent Duty Relay for Starter Motor

Intermittent duty solenoid, with separate control used to activate starter. Needs +12v to energize. 5/16" large terminals, 3/16" small terminals. Sturdy black plastic construction.



ES 24021	Starter solenoid	\$	15.00
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Master Relay

Continuous Duty Relay Used as Master Relay

Ground control contact to activate. 5/16" large terminals, 3/16" small terminals.



ES 24115	Master relay	\$	16.50
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Panel Light Dimmer

Controls Voltage to Lamps

Control the intensity of panel lights with the panel control. May use several units for: radio lights, flight instruments, engine lights, panel flood lights. Unit capable of 1.5 amps. Most instruments require 0.2 amp per instrument.



ES DIMMER, LAMP 1.5A	Voltage control unit for panel lamp control	\$	20.00
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Flap Positioning System (FPS) One-Touch Solution to Flap Management

The FPS lets you stay focused on flying the aircraft safer with one touch control. Flap positions are pre-selected with one touch, then automatically retracted with one touch without the need for visual monitoring of flap positioning progress. Infinite Flap retracting positions can be manually selected if desired.

Premium quality design components, with workmanship that is safe, sturdy, and long lasting. Brackets are CNC machined from tough Billet 6061 aluminum.

Incorporates reliable printed-circuit with integrated high-quality relays for safe, fail-proof operation. All wire is military spec Tefzel.

FPS Advantages

- Three-position switch stops at 10, 20, and 40 degrees.
- Flaps return to full-up position in one touch and the circuit shuts off the flap motor automatically.
- Allows pilot to stay focused on flying the airplane with both hands, without the need to keep a hand on the switch, or monitor flap progress.

Complete kit is ready for installation, including everything required for a professional, factory-like install, with minimal to no modifications to your airframe. Comprehensive step-by-step instructions provide a thoroughly tested install procedure, normally requiring an average of just four to six hours.



ES FLAP POS SWV 8	RV-8 3-POS VANS	\$	200.00
ES FLAP POS SWV 4679	RV-4/6/7/9 3-POS VANS	\$	200.00

Flap Control Circuit Board

Control Electric Flaps through Switch in Stick Grip

Electric flaps can be controlled through a switch in the stick grip. However the switch to perform this operation is usually too large to fit in the grip. This circuit board allows the builder to use a small switch in the grip to control the board and the board then drives the flap motor. Similar in function to the electric trim servo relay deck. Not required when using the panel mounted flap switch provided in the flap kit.



ES FLAP CONTROL BOARD	Electric flap driver	\$	39.50
ES SWITCH SPDT-MOM	Small flap switch for grip	\$	6.00

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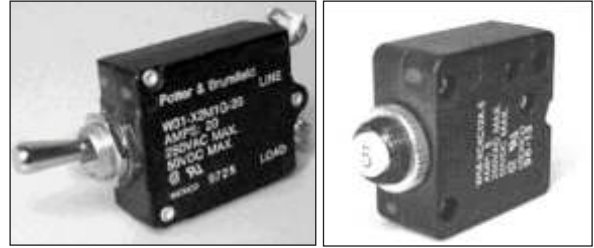
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Van's Aircraft
Ordering Options

Circuit Breakers and Switches/Breakers

Electrical Circuit Breakers, Breaker/Switches

Circuit breakers and breaker/switches by Potter Brumfield. Metal toggle, chrome bezel. Breaker/switch combines the functions of switch and circuit breaker into one compact unit. The circuit breakers come in two series, the W23 series and the W58 series.

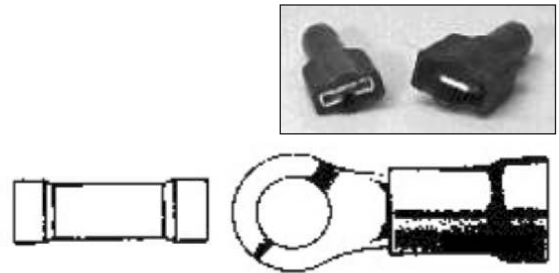


ES PBB-5	TOGGLE TYPE	5AMP	\$	21.00
ES PBB-10	TOGGLE TYPE	10 AMP	\$	21.00
ES PBB-15	TOGGLE TYPE	15 AMP	\$	21.00
ES PBB-20	TOGGLE TYPE	20 AMP	\$	21.00
ES PBB-35	TOGGLE TYPE	35 AMP	\$	21.00
ES PBB-2A CB-W23	PULL TYPE	2 AMP	\$	16.50
ES PBB-5A CB-W23	PULL TYPE	5 AMP	\$	16.50
ES PBB-10A CB-W23	PULL TYPE	10 AMP	\$	16.50
ES PBB-15A CB-W23	PULL TYPE	15 AMP	\$	16.50
ES PBB-20A CB-W23	PULL TYPE	20 AMP	\$	16.50
ES PBB-2A CB	PLAIN TYPE	2 AMP	\$	10.50
ES PBB-5A CB	PLAIN TYPE	5 AMP	\$	10.50
ES PBB-10A CB	PLAIN TYPE	10 AMP	\$	10.50
ES CB 1600-081-35	PLAIN TYPE	35 AMP	\$	16.00
ES CB 1648-009-060	PLAIN TYPE	60 AMP	\$	18.00

Electrical Terminals

Crimp on Terminals as Supplied in Wiring Kits

Three types of terminations. Ring terminals with wire sizes and bolt/screw size; splices for two wires and mechanically shielded spade connectors.



Part Number	Wire Size	Screw Size		Price
ES 322870	#2	AN5	\$	0.71
ES 324044	#8	AN5	\$	0.86
ES 324082	#8	AN4	\$	0.50
ES 324043	#8	AN3	\$	0.70
ES 35110	#12	AN4	\$	0.41
ES 321045	#14/16	AN4	\$	0.51
ES 320565	#14/16	#8	\$	0.25
ES 31890	#18	#8	\$	0.25
ES 320562	#14/16	SPLICE	\$	0.51
ES 320559	#18	SPLICE	\$	0.51
ES 36152	#18	#6	\$	0.26
ES 36154	#18	AN3	\$	0.27
ES 421-0107 CONNECTOR	#14/16	MALE SPADE CONNECTOR	\$	0.42
ES 421-0108 CONNECTOR	#14/16	FEMALE SPADE CONNECTOR	\$	0.42

Buss Bar

Copper Bar for Ganging Switches Together



This bar can be drilled to connect all switches together, providing power to all with minimal losses in the system.

ES BUSS BAR-063X.5X12	Buss Bar	\$	2.87
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Terminal Boot

Two Sizes of Insulating Rubber Boots for Studs

Soft white silicone rubber boot. -3S part is for #2 gauge battery cables. Insulates terminal connection.

MS25171-3S	Insulated boot for #2 wire	\$	1.37
MS25171-1S	Insulated boot for #10 stud	\$	1.20

Diodes

Protection Diodes

Protect your master and starter switches with this simple and inexpensive device.



ES DIODE MASTER	Surge protection diode for Master Switch	\$	5.65
ES DIODE STARTER	Surge protection diode for Starter/Mag Switch	\$	5.65

Electric Trim Components

Switches, Servo Motors, Servo Relay Deck, Wire

Electric trim requires the use of a small motor, a switch, interconnect wire and in some cases a special purpose relay and a speed controller to slow the response if desired. The servo motor is supplied with a switch which can be mounted on the panel or arm rest. While this works, in rough weather when the aircraft is bouncing around, exact trim may be hard to achieve. Using a switch in the stick grip resolves this problem, but then requires extra hardware.

- **MSTS-6A Mac Servo.** Small, light and powerful. Used to drive trim tabs. 12v DC. 40 lb thrust, 0.95" stroke, 11 second travel for aileron.
- **MSTS-8A Mac Servo.** Small, light and powerful. Used to drive trim tabs. 12v DC. 40 lb thrust, 1.2" stroke, 18 second travel for elevator.
- **Six conductor wire** for installing servos and servo indicators. Twenty foot length.
- **4-Way Switch** for stick grips. Controls both elevator and aileron tabs. Switch comes with wooden MASTER GRIPS in our catalog.
- **MSTS-SRD (servo relay deck).** One required for each axis of trim between the 4 way switch and the servo motor.
- **SERVO SPEED CONTROL.** Allows builder to adjust trim servo speed.
- **ELECTRONIC SPEED CONTROLLER.** For use with MAC servos. Reduces servo speed without reducing torque. Allows use of multiple trim switches, so you can install trim for both seats. 12v DC. One required per servo. Installations using this controller do not need Servo Relay Deck.

ES MSTS-6A	0.95" s stroke s servo motor	\$	220.00
ES MSTS-8A	1.2" s stroke servo motor	\$	235.00
ES MSTS-WIRE	Interconnect wire from servo to servo-relay deck [6X20']	\$	20.00
ES MSTS-4-SW	4 way trim switch-(Coolie Hat)	\$	46.80
ES MSTS-SRD	Servo relay deck	\$	34.80
ES MSTS-SSC	Speed controller	\$	45.00
ES MK-111	Combination speed controller and relay deck	\$	68.00

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Van's Aircraft
 Ordering Options

Heat Shrink Tube

Shrinks with Heat on Wire to Provide Electrical Insulation

4 diameters of black heat shrink tube as supplied in wiring kit. Sold in 1' lengths.

ES HST-3/16X1'	3/16" heat shrink, 1 foot length	\$	1.30
ES HST-1/4X1'	1/4" heat shrink, 1 foot length	\$	1.45
ES HST-3/8X1'	3/8" heat shrink, 1 foot length	\$	1.60
ES HST-1/2X1'	1/2" heat shrink, 1 foot length	\$	1.75

Wire

Aircraft Quality, Tefzel Insulated

Pre-cut rolls of aircraft grade electrical wire. Free of PVC, which could save your bacon if you had an electrical overload causing a fire.

Part Number	Gauge	Length	Price
WIRE #2X10'	#2	10'	\$ 33.80
WIRE #2X15'	#2	15'	\$ 49.70
WIRE #8X13'	#8	13'	\$ 19.79
WIRE #14X55'	#14	55'	\$ 23.07
WIRE #16X70'	#16	70'	\$ 21.80
WIRE #18X50'	#18	50'	\$ 14.29
WIRE #18X100'	#18	100'	\$ 24.29
WIRE #18SX20'	#18 SHIELDED	20'	\$ 12.57
WIRE #22X25'	#22	25'	\$ 3.23
WIRE #24X10' S	#24 SHIELDED	10'	\$ 4.25
WIRE #24X4CONDX10'S	#24 SHIELDED COND	10'	\$ 20.57

Nylon Wiring Conduit

Corrugated Tube for Installing in Wing for Wiring Conduit

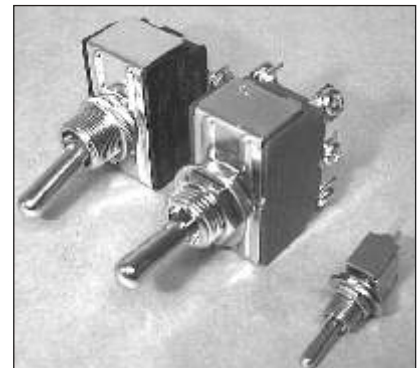
Nylon corrugated tube. 0.810" OD. Use for wire runs in the wings and fuselage. Suitable for engine compartment, but maintain 4-6" from exhaust system. Included in wiring kit.

DUCT NT5/8-25	25' roll of nylon corrugated tube	\$	7.10
DUCT NT5/8-50	50' roll of nylon corrugated tube	\$	12.20

Switches

Toggle Switches for Master, Flap Control

- Full size double pole, single throw (DPST) toggle switch for Master Switch.
- Full size double pole-center off (DPDT-CO) momentary switch for panel mount flap control.
- Minature single pole double throw momentary switch for flap control in stick grip.



ES 2GK54-73 SWITCH	DPST ON/OFF switch for Master Switch	\$	5.25
ES S338T	DPDT-CO momentary Flap switch	\$	8.80
ES SWITCH SPDT-MOM	Small flap switch for grip	\$	6.00

Fuses, Fuse Holders, Terminal Blocks

Misc Electrical Components

Misc. electrical components.

ES B 18004-59	Terminal Block (4 circuit)	\$	1.54
ES FUSE 313001 (1A)	1 amp fuse	\$	0.50
ES FUSE 313005	5 amp fuse	\$	0.86
ES ZC-210B	In-line fuse holder	\$	2.54

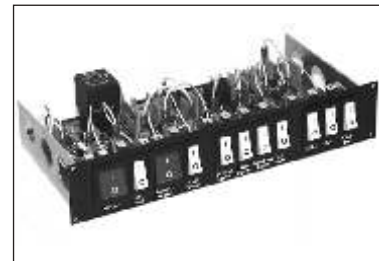
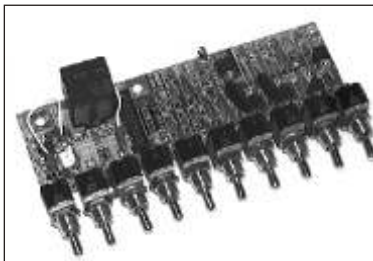
DC Load Center

Complete Switch/Circuit Protection for Your Homebuilt

The Exp-Bus DC Load Center is a complete switch and circuit breaker control system for your aircraft. Avionics are disabled during start-up operation. A battery backup system is available as an option for redundancy. This system is compatible with the ES EWC Wiring harness kit, but not compatible directly with the prefabricated ES WH-6, ES WH-8, or ES WH-9 kits.

- EXP-2V-TOGGLE 10 toggle switch panel with circuit protection, master relay and avionics master switch.
- EXP-2V-RV6RT 11 rocker switch version of above panel. Panel is attached to a convenient tray/circuit board for easy installation/service. Panel space is 1.8" by 9.65" long.
- EXP AVIONICS SAVER Provides surge protection for up to eight circuits such as avionics or engine instruments. Can be wired to the start switch to disable avionics during start-up operation. Works in non-EXP-BUS systems.
- EXP2 INDICATOR Monitors all EXP circuit functions and indicates faults. Monitors over/undervoltage. Provides dimmer circuit for panel lights.
- EXP BRKT2 Mounting bracket for the EXP2V-TOGGLE system. Simplifies mounting the circuit board.

ES EXP-2V-TOGGLE	DC Load Center with Toggle Switches	\$	279.00
ES EXP-2V-TOGGLE W/BB	DC Load Center with Toggle Switches w/battery back up	\$	416.00
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