

Exclusive VMAR Distributor  
North & South America



# PREMIUM BALSA WOOD SHEETS

## NEW!!

PREMIUM  
QUALITY!

INDIVIDUALLY  
LABELLED!

SHRINK WRAPPED  
BUNDLES!

ONLY FROM VMAR &  
RICHMOND RC!

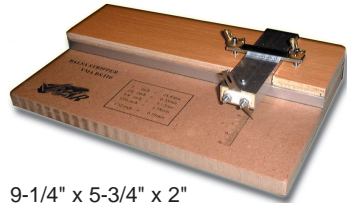
### BALSA SHEET SIZE

BALSA SHEET SIZE	PART #	BUNDLE QTY	\$USA EA
BALSA WOOD 3 x 1/32 x 36 PREMIUM	WBA-3013236	20	\$0.69
BALSA WOOD 3 x 1/16 x 36 PREMIUM	WBA-3023236	20	\$0.59
BALSA WOOD 3 x 3/32 x 36 PREMIUM	WBA-3033236	20	\$0.69
BALSA WOOD 3 x 1/8 x 36 PREMIUM	WBA-3043236	15	\$0.79
BALSA WOOD 3 x 3/16 x 36 PREMIUM	WBA-3063236	10	\$0.89
BALSA WOOD 3 x 1/4 x 36 PREMIUM	WBA-3083236	5	\$0.99
BALSA WOOD 3 x 3/8 x 36 PREMIUM	WBA-3123236	5	\$1.29
BALSA WOOD 3 x 1/2 x 36 PREMIUM	WBA-3163236	5	\$1.69
BALSA WOOD 4 x 1/32 x 36 PREMIUM	WBA-4013236	20	\$0.89
BALSA WOOD 4 x 1/16 x 36 PREMIUM	WBA-4023236	20	\$0.79
BALSA WOOD 4 x 3/32 x 36 PREMIUM	WBA-4033236	20	\$0.89
BALSA WOOD 4 x 1/8 x 36 PREMIUM	WBA-4043236	15	\$0.99
BALSA WOOD 4 x 3/16 x 36 PREMIUM	WBA-4063236	10	\$1.19
BALSA WOOD 4 x 1/4 x 36 PREMIUM	WBA-4083236	5	\$1.59
BALSA WOOD 4 x 3/8 x 36 PREMIUM	WBA-4123236	5	\$1.99
BALSA WOOD 4 x 1/2 x 36 PREMIUM	WBA-4163236	5	\$2.79

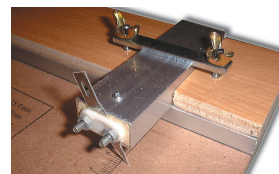
BUNDLE  
LOTS  
ONLY  
PLEASE.

WE  
CANNOT  
BREAK  
BUNDLES  
OF BALSA  
WOOD

## BALSA STRIPPER



9-1/4" x 5-3/4" x 2"



TERRIFIC TOOL...  
JUST \$13.95!

#VMA-BS110



Aluminum Fence!  
Adjustable Strip Width!  
#11 Blade.  
Adjustable Depth  
and Angle!  
Strips up to 2-1/4"  
Wide & 1/4" Thick!  
Built in Ruler!

NOW OUR  
ULTRADUTY  
FIBREGLASS MAIN  
GEAR SETS ARE  
AVAILABLE IN  
FOUR SIZES!  
NOTHING  
COMPETES FOR  
STRENGTH OR  
LOW PRICE!!

## ULTRADUTY FIBREGLASS MAIN GEAR SETS!

INCREDIBLY  
SUPER  
STRONG!



INCLUDES AXLES &  
WHEEL COLLARS!

40-50 SIZE FIBREGLASS  
MAIN GEAR JUST  
#RRC-MAIN40UD \$11.10!  
FITS VMAR APACHE, EXTRA,  
CAP & MOST 40 SIZE TRAINERS

60 SIZE FIBREGLASS  
MAIN GEAR JUST  
#RRC-MAIN60UD \$19.95!  
FITS VMAR CAP 232 60  
& MOST 60-90 HIGH WING

90-120 SIZE FIBREGLASS  
MAIN GEAR JUST  
#RRC-MAIN90UD \$29.95!  
FITS VMAR CAP 231EX 120.  
GREAT FOR 90-120 SIZE HI WING!

120+ SIZE FIBREGLASS  
MAIN GEAR JUST  
#RRC-MAIN95UD \$38.95!  
FITS VMAR BEAVER 10 FOOT.  
GREAT FOR 120+ SIZE HI WING!



DUAL BALL BEARINGS!  
GREAT CARBURETION!  
HIGH POWER!  
GREAT PRICE!

### AFTER RUN OIL

1 oz. Corrosion  
Inhibitor  
for  
Engines  
#PAC-  
ARUN  
JUST \$3.99!  
USE IN ANY  
ENGINE!

### ENGINE TEST STAND

#VMA-ETS120  
REG \$17.95  
JUST \$9.95!  
WITH ANY  
ENGINE!

CHECK OUT OUR  
TERRIFIC COMBO  
OFFERS ON VMAX  
& ENYA ENGINES!

VMAX 46PRO JUST \$49.95!

WITH ANY VMAR ARF! ONLY \$34.95 WITH VMAR CHIP & AT6/HARVARD!!

PART #	REGULAR \$	NEW!	NEW!
VMX-46PRO	\$67.95		
VMX-52PRO	\$74.95		
ENYA .06 RC AIR ENGINE w/MUFF & SNV	\$49.95		
ENYA 09 RC AIR ENGINE w/MUFF & SNV	\$46.95		
ENYA 15 RC AIR ENGINE w/MUFF & SNV	\$53.95		
ENYA 25 RC AIR SUPER SPORT ENGINE w/MUFF & SNV	\$59.95		
ENYA 40 RC AIR SUPER SPORT ENGINE w/MUFF & SNV	\$79.95		
ENYA 40 RC BB SUPER SPORT ENGINE w/MUFF & SNV	\$107.95		
ENYA CX50 RC BB HI PERFORMANCE ENGINE w/MUFF & SNV	\$142.95		
ENYA XF60 RC BB HI PERFORMANCE ENGINE w/MUFF & SNV	\$209.95		
ENYA NO. 3 GLOW PLUG - FOR ALL ENYA ENGINES	\$7.50		
ENYA 41 RC AIR FOUR STROKE ENGINE w/MUFF	\$184.95		
ENYA 53 RC AIR FOUR STROKE ENGINE w/MUFF	\$199.95		
ENYA 90 RC AIR FOUR STROKE ENGINE w/MUFF	\$289.95		
ENYA 155 RC AIR FOUR STROKE ENGINE w/MUFF	\$399.95		
ENY-06TV	\$49.95		
ENY-09TV	\$46.95		
ENY-15TV	\$53.95		
ENY-25SS	\$59.95		
ENY-40SS	\$79.95		
ENY-40SSBB	\$107.95		
ENY-50CX	\$142.95		
ENY-60XF4ALC	\$209.95		
ENY-GPLUG3	\$7.50		
ENY-414C	\$184.95		
ENY-534C	\$199.95		
ENY-904C	\$289.95		
ENY-1554C	\$399.95		

## Fireball GLOW PLUGS.

HOT RC LONG	#SWA-H30L	\$2.45
HOT RC SHORT	#SWA-H30S	\$2.45
LONG NO IDLE BAR	#SWA-S20L	\$2.45
RC LONG	#SWA-S20RCL	\$2.75
RC SHORT	#SWA-S20RCS	\$2.75
SHORT NO IDLE BAR	#SWA-S20S	\$2.45
COLD LONG	#SWA-SC10L	\$2.75
COLD SHORT	#SWA-SC10S	\$2.75
SILVER COLD LONG	#SWA-Si8L	\$3.99
SILVER COLD SHORT	#SWA-Si8S	\$3.99



JODEL DR400 45-61  
ARF ECS

TOMAHAWK 45-61 ARF  
ECS



TWO TOTALLY NEW ARFS! SEE PAGE 6 & 7!

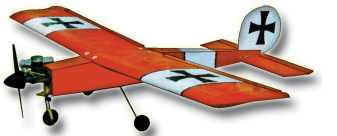
## VMAR DOES IT ALL! 50+ ARF MODELS!!

VMAR offers the Most Affordable Fastest Growing line of  
ARF Products in the World! VMAR leads the industry with Quality,  
Range of New Product, Features, Value, Price & Completeness.

V-STIK 40 ARF ARF COMBOS!

ALL NEW VERSION  
NOTHING CAN COMPARE!

JUST \$59.95!  
WITH ANY OTHER ARF!



40 & 60 SIZE!  
PLEASE SEE Pg 4

## NEW!!

Pinned  
Hinges!

Semi-Sym Wing.  
Ailerons & Flaps  
hinged, pre-installed  
& pinned!

Detailed Cockpit  
& Full Body  
Pilot!

Fully Covered!  
All Wood! No Foam!  
No Plastic!

Color  
Assembly  
Manual!

## 45-61 Semi Scale ARF DO-27 DORNIER

POLYCOTE™ ECS  
ENHANCED COVERING SYSTEM



3D Rounded  
Fuselage!

Power  
Module!

Fibreglass Cowling!  
Factory Painted  
with Epoxy!

RADIO  
COMBOS!  
Pg 2

SPECS

Span: 67.5 in.  
Area: 720 sq in.  
Semi-Symmetrical  
Length: 47 in.  
Wt: 6.25-7 lbs  
Engine: .46-.61  
(4st .60-.75)  
Radio:  
4-5ch/5-7Sx  
(5ch/7Sx  
for flaps)

#VMA-D260D  
45-61 ARF  
Military Graphics  
See Page 6.

#VMA-D260Z  
45-61 ARF  
Civilian Pirelli Graphics  
as shown above

Rivets & Panel Lines  
without using Decals!

Trainers Page 2-3  
Electric ARF's Page 3

Sport Page 4

Scale Page 5-7

Balsa Back Cover

Engines Back  
Cover

# JUST \$179.95!

PRICES \$USA



46 PRO  
COMBO  
WITH  
DORNIER  
JUST \$49.95!

ALSO IN  
108" SERIES WITH  
CIVILIAN PIRELLI GRAPHICS  
JUST \$479.98!

WITH POLYCOTE™ ECS!  
The graphics are INSIDE THE POLYCOTE... not stuck on top!  
No Decals, No Layers, No Strips, No Stripes!  
Proprietary Sure Seal Seams will not lift!  
Fuel Proof! Ultra Tough POLYCOTE Polyester!

ELECTRIC ARFS!

To buy a VMAR ARF Product...  
See your local HOBBY RETAILER, or  
Call Free 1-877-727-2329, or  
Visit our On-Line Store at [www.richmondrc.com](http://www.richmondrc.com)



SEE  
VIPER  
PG 3

VMAR ARFs Are All Wood, Fully Covered &  
Include Tank, Wheels, Spinner, Metal Engine  
Mount, Servo Tray & All Hardware. Pre-Installed  
Pushrods, Pinned Hinges & Control Surfaces.

Richmond USA  
RC Consumers  
In Effect 2003 06 20

Exclusive VMAR Distributor for North & South America

VMAR, VMAX, POLYCOTE and ECS are Trademarks of VMAR Manufacturing and Appointed Agents Worldwide



**SAVE ON ENGINES WITH OUR HOT VMAX ENGINE COMBOS!**

See our ads in leading RC Magazines. To order On-Line visit the VMAR On-Line Store at www.richmondrc.com

## VMAR HAS THE WORLD'S BIGGEST LINE OF ARF TRAINERS!!

### APACHE III 40 ARF TRAINER **NEW!!**

**BEST SELLING ARF TRAINER WORLD WIDE!**  
 Span: 69" Area: 770 sq in. Length: 46-3/8" Wt: 6.35-6.85 lbs Engine: 40-.53 Radio: 4ch  
**EASY TO SEE!** **POLYCOTE ECS ENHANCED COVERING SYSTEM** **BIG 69" SPAN!**  
 #VMA-A140X **FIBREGLASS MAIN GEAR!** **WITH PILOT!** **COMBO 46PRO JUST \$49.95!**  
 Includes All Hardware for Trike or Tail Dragger. Flat bottom wing & wing bolt mounting. Metal pushrods & engine mount, universal servo tray, tank, wheels & strut!!  
**OUR BEST TRAINER!! CAN BE SET UP WITH TRIKE GEAR OR AS A TAIL DRAGGER! ALL PARTS & WHEELS INCLUDED! FLY WITH A FOUR CHANNEL SYSTEM OR USE A COMPUTER RADIO & ACTIVATE FLAPERONS! FIBREGLASS MAIN GEAR!** **ALSO IN YELLOW! #VMA-A140Y**  
**TRAINER OF CHOICE... JUST \$99.95!**

### AIRTRONICS COMBOS! **NEW "Z" TYPE**

**VG 400** 4CH FM (4 Servo) #AIR-VG400FM END POINT ADJUST ON LO & HI THROTTLE \$123.95 **COMBO \$113.95! SAVE \$10 with any ARF**

**VG 600** 6CH FM (4 Servo) #AIR-VG600FM END POINT ADJUST ON T,A,E,R & AUX 6 \$147.95 **COMBO \$134.95! SAVE \$13 with any ARF**

**RD6000 SPORT** 6CH FM (4 Servo) #AIR-RD320FM 4 MODEL MEMORY COMPUTER \$214.95 **COMBO \$184.95! SAVE \$30 with any ARF**

**VG 407** MICRO SERVOS & RECEIVER FOR ELECTRICS! 4CH FM (3 94091 Sx) #AIR-VG407FM NO RECEIVER BATTERY. JUST \$119.95 **COMBO \$109.95! SAVE \$10 with any ARF**

**HOW TO PICK A RADIO...** Trainers use the VG 400 although the Apache III has optional Flaperons suitable for the RD6000 Sport. Generally if the model is a Semi Scale or Sport Model the VG 600 is recommended. The VG 600 can do simple Flap, & Retract Functions. If the model has Flaps or Flaperons or Retracts the RD6000 Sport is recommended to best use those features. The VG 407 is for electric back yard flyers!

**MODEL ENGINES VMAX .46 COMBOS FROM \$49.95!**  
 CHECK OUT OUR TERRIFIC COMBO OFFERS ON VMAX ENGINES!  
 DUAL BALL BEARINGS, TOP QUALITY, HIGH PERFORMANCE. SMOOTH IDLE  
**46 ENGINE COMBOS JUST \$34.95! SEE Page 7**

### CHALLENGER 40 ARF TRAINER

**BEST VALUE 40 ARF TRAINER AVAILABLE!**  
 Only the New VMAR Challenger 40 ARF Trainer can meet the Value vs Features vs Performance Challenge!  
 Span: 63-1/4" Area: 730 sq in. Length: 48" Wt: 5-1/2 - 6 lbs Engine: .34-.47 Radio: 4ch/4Sx  
**HOT! METAL ENGINE MOUNT!** **PINNED HINGES!** **HI VIS GRAPHICS!** **COMBO 46PRO JUST \$49.95!**  
**UNBEATABLE VALUE... JUST \$89.95!**

### DISCOVERY 40 ARF TRAINER

**THE FREEDOM TO FLY LIKE AN EAGLE!**  
 Span: 63-1/4" Area: 730 sq in. Length: 48" Wt: 5-1/2 - 6 lbs Engine: .34-.47 Radio: 4ch  
**PINNED HINGES!** **ALSO IN BLUE!** **POLYCOTE ECS ENHANCED COVERING SYSTEM** **WHY BUILD?** **COMBO 46PRO JUST \$49.95!**  
**PRICE LEADER... JUST \$79.95!**

### HOTROD 40 ARF SPORT

**NEW!** **SYMMETRICAL SPORT WING NOW 60" SPAN!** **HOT DOGGERS DELIGHT!**  
 Span: 60" Symmetrical Area: 600 sq in. Length: 44" Wt: 5.0 - 5.5 lbs Engine: .32-.47 Radio: 4ch  
**PINNED HINGES!** **COMBO 46PRO JUST \$49.95!**  
**SPORT TRAINER ARF... JUST \$89.95!**

### POWER TOTE - DELUXE

**READY TO HAUL! NO ASSEMBLY! NO PAINTING! FORMICA ON 8MM PLYWOOD**  
**WOOD GRAIN** **BLACK** **BLUE** **YELLOW** **ALUMINUM TRIM!** **TWO DRAWERS!** **WITH CRADLES!** **#VMA-PT109D**  
**4 COLORS... READY TO HAUL... JUST \$39.95!**

### RAMROD 40 ARF - TRAINER+

**THE NEW VMAR Ramrod is a terrific low wing Advanced Trainer. The Ramrod is a perfect second plane!** **NEW!**  
 Span: 60" Area: 630 sq in. Length: 44-1/2" Radio: 4ch Wt: 5.5-6.0 lbs Engine: .40-.47  
**PINNED HINGES!** **COMBO 46PRO JUST \$49.95!**  
**LOW WING TRAINER... JUST \$99.95!**

## POLYCOTE™ ECS ENHANCED COVERING SYSTEM **NEW!!**

For the ultimate in ARF covering, check for POLYCOTE ECS on your next VMAR ARF

WHAT'S IT ALL ABOUT? POLYCOTE ECS is an Enhanced Covering System Engineered in Canada and available only from VMAR. With POLYCOTE ECS the graphics are inside the covering... not stuck on top. No Decals! No Layers! No Strips! No Stripes! VMAR Models using POLYCOTE ECS have very few seams and our proprietary SURE SEAL system ensures that the seams stay down!  
**Best of all, POLYCOTE itself is a totally fuel proof ULTRA TOUGH POLYESTER.**

### SKYLANE Cessna 182 **NEW!!**

**45-60 Semi Scale ARF with POLYCOTE ECS ENHANCED COVERING SYSTEM**  
 DETAILED COCKPIT & PILOT!  
 FIBREGLASS COWL & MAIN GEAR  
 PINNED HINGES!  
 The graphics are INSIDE THE POLYCOTE... not stuck on top!  
**No Decals, No Layers, No Strips, No Stripes.**  
**UltraTough Polycote Polyester!**  
**Goodbye Sags! Goodbye Bubbles!**  
**w/POLYCOTE ECS... JUST \$169.95!**

### PIPER TOMAHAWK **NEW!!**

**45-60 Semi Scale ARF with POLYCOTE ECS ENHANCED COVERING SYSTEM**  
 DETAILED COCKPIT & PILOT!  
 FIBREGLASS COWL!  
 FLAPS  
 PINNED HINGES!  
 FIBREGLASS MAIN GEAR!  
**#VMA-T240X** Span: 76" Area: 628 sq in. Length: 50" Wt: 6.25-6.75 lbs Engine: .45-.61 Radio: 4-5ch/5-7Sx  
 The All New VMAR Tomahawk 45-60 ARF ECS has all the details and the great flying characteristics of the real thing! We've used our ultra tough POLYCOTE ECS Enhanced Covering System to lock the graphics inside the covering! POLYCOTE ECS... No Decals, No Layers, No Strips, No Stripes, Detailing includes a Cloth Pilot, Rivets, Panel Lines, Cockpit, Instrument Panel & more!  
**ALL TIME FAVORITE... JUST \$169.95!**

### SPITFIRE 45-60 ARF EUROPEAN GRAPHICS

Span: 60-3/4" Area: 617 sq in. Length: 44 in. Wt: 6-7 lbs Engine: .45-.61 Radio: 4ch  
**INCREDIBLE DETAILING!** **COMBO 46PRO \$49.95 FREE PITTS MUFFLER**  
**#VMA-S016 JUST \$149.95!**

### VAN RV4 45-60 ARF ECS

**MILLENNIUM ROUND THE WORLD SOLO FLIGHT!**  
**NEW!!** **FIBREGLASS MAIN GEAR!** **FIBREGLASS COWL!** **FLAPS INCLUDED!**  
**VH-NOJ**  
 The NEW VMAR RV4 is a near scale like rendition of Jon Johanson's famous RV4 used for his Millennium Round the World Solo Flight! All wood construction complete with Power Module Engine Mounting System, Pilot, Cockpit Graphics & extensive detailing!!  
**#VMA-R240X** **COMBO 46PRO JUST \$49.95 FREE PITTS MUFFLER**  
**w/POLYCOTE ECS... JUST \$149.95!**

### CHIPMUNK 40 ARF

**DOUBLE THE FUN!**  
 Span: 62 in. Area: 560 sq in. Length: 42 in. Wt: 5.5-6 lbs Engine: .40-.53 Radio: 4ch  
**ONLY \$34.95 with either CHIPMUNK!**  
**Canada #VMA-C0024C** **British #VMA-C0024B**  
**JUST \$139.95!**

### SPITFIRE 45-60 ARF DESERT GRAPHICS

Span: 60-3/4" Area: 617 sq in. Length: 44 in. Wt: 6-7 lbs Engine: .45-.61 Radio: 4ch  
**CLOTH PILOT! RIVETS & LINES!** **COMBO 46PRO \$49.95 FREE PITTS MUFFLER**  
**#VMA-S016D JUST \$149.95!**

### AT6 TEXAN 40 ARF

**TWO VERSIONS!**  
 Span: 62 in. Area: 620 sq in. Length: 44 in. Wt: 5.5-6 lbs Engine: .40-.53 Radio: 4ch  
**USA #VMA-AT0014U** **COMBO 46PRO JUST \$49.95 FREE PITTS MUFFLER**  
**CANADA #VMA-AT0014C** **ONLY \$34.95 w/HARVARD or AT6 TEXAN**  
**JUST \$149.95!**

### DEWOITINE 45-60 ARF

Span: 60 in. Area: 615 sq in. Length: 44 in. Wt: 6-7 lbs Engine: .45-.61 Radio: 4ch  
**TOTALLY UNIQUE!** **COMBO 46PRO \$49.95 FREE PITTS MUFFLER**  
**#VMA-D160F JUST \$149.95!**

### F4U CORSAIR 60 ARF

**NEW!!** **2 PIECE GULL WING!** **FLAPERON READY!**  
 Span: 63-3/4" Area: 640 sq in. Length: 46-48" Wt: 7.5-8 lbs Engine: .60-.76 Radio: 4ch/5 Sx  
**COMBO 46PRO JUST \$179.95**  
**#VMA-C260U JUST \$199.95!**

### P51D MUSTANG 45-60 ARF

Span: 60 in. Area: 580 sq in. Length: 48 in. Wt: 6-7 lbs Engine: .45-.61 Radio: 4ch  
**RETRACT READY! FULLY SHEETED!** **COMBO 46PRO \$49.95 FREE PITTS MUFFLER**  
**JUST \$149.95!**

### T34 MENTOR 40 ARF

Span: 63 in. Area: 560 sq in. Length: 42 in. Wt: 5-6 lbs Engine: .40-.53 Radio: 4ch  
**THE BEST! 2 PILOTS!** **COMBO 46PRO \$49.95 FREE PITTS MUFFLER**  
**#VMA-M024 JUST \$146.95!**



**SAVE ON ENGINES AND RADIOS WITH OUR HOT COMBOS!**

## TEXAN II 45-60 & HARVARD II 45-60 & PILATUS PC9 90+ ARF

AS REVIEWED IN  
 MODEL AIRPLANE  
 NEWS OCT 2002

**U.S.A. AIRFORCE USAF TEXAN II #VMA-P240U**

Span: 57-3/4"  
 Area: 540 sq in.  
 Length: 47-50"  
 Wt: 5.5-6.0 lbs  
 Engine: .45-.61  
 Radio: 4ch/4Sx

**POLYCOTE ECS ENHANCED COVERING SYSTEM**

**COMBO 46PRO**  
 JUST \$49.95  
 FREE PITTS MUFFLER

**HARVARD II CANADA #VMA-P240C**

Span: 57-3/4"  
 Area: 540 sq in.  
 Length: 47-50"  
 Wt: 5.5-6.0 lbs  
 Engine: .45-.61  
 Radio: 4ch/4Sx

**POLYCOTE ECS ENHANCED COVERING SYSTEM**

**COMBO 46PRO**  
 JUST \$49.95  
 FREE PITTS MUFFLER

**AUSTRALIAN AIRFORCE ROULETTES #VMA-P240A**

Span: 57-3/4"  
 Area: 540 sq in.  
 Length: 47-50"  
 Wt: 5.5-6.0 lbs  
 Engine: .45-.61  
 Radio: 4ch/4Sx

**POLYCOTE ECS ENHANCED COVERING SYSTEM**

**COMBO 46PRO**  
 JUST \$49.95  
 FREE PITTS MUFFLER

**VERY SCALE LIKE... JUST \$149.95!**

## TEXAN II 90+ & HARVARD II 90+ & PILATUS PC9 90+ ARF

**NEW!!**

**USAF - JPATS (JOINT PRIMARY AVIATION TRAINING SYSTEM) 2 PILOTS!**

Span: 81"  
 Area: 996 sq in.  
 Length: 64-66"  
 Wt: 10 lbs  
 Engine: 90-120  
 Radio: 4ch/5Sx  
 Add 1ch/2 Sx for Flaps & Add 1ch/1Sx for Retracts.

**POLYCOTE ECS ENHANCED COVERING SYSTEM**

**COMBO 46PRO**  
 JUST \$49.95  
 FREE PITTS MUFFLER

**81" RETRACT READY... JUST \$299.98!**

**U.S. AIR FORCE (JPATS) #VMA-P190U**  
**U.S. NAVY (JPATS) (Summer 2003) #VMA-P191U**  
**CANADA NFTC #VMA-P190C**  
**AUSTRALIA ROULETTES #VMA-P190A**  
**SWISS AIR FORCE #VMA-P190S**

**ENYA 155 4 st ENYA COMBO JUST \$349.95**

**RETRACT READY!**

**Robart Retracts Recommended**  
 Air Nose #ROB-607  
 Air Mains #ROB-605HD  
 Air Control Kit #ROB-188  
 Please contact Robart for Pricing and Availability.

**The Real PC9! The Right Wing! The Right Tail! The Right Graphics!**

## TUCANO EMB S312 45-60 ARF

**ANOTHER CLASSIC FROM VMAR**

The NEW VMAR Tucano comes complete with Power Module Engine Mounting System & Cloth Pilot!

Span: 63"  
 Area: 560 sq in.  
 Length: 47-50"  
 Wt: 5.5-6 lbs  
 Engine: .45-.61 Radio: 4ch/4Sx

**POLYCOTE ECS ENHANCED COVERING SYSTEM**

**COMBO 46PRO**  
 JUST \$49.95  
 FREE PITTS MUFFLER

**JODEL DR400 45-60 ARF**

**PLUG IN WINGS! GLASS COWL! PINNED HINGES! PILOT, COCKPIT & EXTERIOR GRAPHICS!**

Span: 59-3/4"  
 Area: 620 sq in.  
 Length: 48-3/4"  
 Wt: 6.25-6.50 lbs  
 Engine: .46-.61 (4st. 52-80)  
 Radio: 4-5ch/5-7Sx

**POLYCOTE ECS ENHANCED COVERING SYSTEM**

**COMBO 46PRO**  
 JUST \$49.95  
 FREE PITTS MUFFLER

## PILOTS WITH CLOTH JACKETS & HATS

**40 SIZE (3" Wide x 2-5/8" High) #VMA-PL122 JUST \$9.95!**  
**60 SIZE (3-1/2" Wide x 3" High) #VMA-PL123 JUST \$12.95!**  
**90+ SIZE (4-1/8" Wide x 4" High) #VMA-PL124 JUST \$15.95!**  
**9" FULL BODY W/CLOTH SUIT & HAT #VMA-PL223 JUST \$24.95!**

**Width Measured at Shoulders Height is with Hat**

## PILOTS WITH HELMET

**40 SIZE (2-7/8" Wide x 2-1/2" High) #VMA-PL122H JUST \$9.95!**  
**60 SIZE (2-7/8" Wide x 3-1/8" High) #VMA-PL123H JUST \$12.95!**  
**90+ SIZE (3-1/4" Wide x 3-1/2" High) #VMA-PL124H JUST \$15.95!**

**Width Measured at Shoulders Height is with Helmet**

## DORNIER DO27 60 SEMI SCALE ARF ECS

**NEW!!**

Span: 67-1/2"  
 Area: 720 sq in.  
 Length: 47"  
 Wt: 6.25-7 lbs  
 Engine: .46-.61 (4st. 60-.75)  
 Radio: 4-5ch/5-7Sx

**POLYCOTE ECS ENHANCED COVERING SYSTEM**

**COMBO 46PRO**  
 JUST \$49.95  
 FREE PITTS MUFFLER

## TRAINER SUPPLIES & ACCESS

**ZPOXY PREMIUM INDUSTRIAL STRENGTH MULTI-PURPOSE EPOXY**  
 Available in 5 & 30 Minute Cure Times. **Use 30 Minute for Assembly!**  
 #PAC-SZPOXY8 \$11.49  
 #PAC-30ZPOXY8 \$11.49

**ZAP-A-GAP/CA+ MEDIUM THICK GAP FILLING FORMULA FOR REPAIRS**  
 1oz ZAP-A-GAP #PAC-CA+IND \$4.79  
 2oz ZIP KICKER #PAC-ZKBB \$5.39  
**Use ZIP KICKER to accelerate cure time**

## PACER PRODUCTS... YOU ORDER... WE SHIP!

**AIRTRONICS SERVOS**

**UNIVERSAL "Z" PLUG**  
 STANDARD #AIR-94102Z WITH "Z" PLUG FOR AIR Z, FUTABA, JR. **JUST \$9.95!**  
**THE BEST RC SERVO! 42-53oz OF TORQUE!**

**SUPER MICRO LITE #AIR-94091Z 9g WITH "Z" PLUG! JUST \$28.99!**  
**BEST MICRO SERVO! 18-23oz OF TORQUE!**

**PREMIUM FOR RC #64 RUBBER BANDS 4oz BOX! REAL RUBBER!**  
 These are made for Model Aircraft Use... Twice the Strength!

**AIRTRONICS PARTS for VG & RD SYSTEMS**  
 Switch Harness #97001Z \$6.83  
 Servo Tray (2+1) #98213 \$2.90  
 Servo Tray (Ail) #98203 \$2.90  
 4.8V/700mAh Rx Batt #95008Z \$39.25  
 4.8V/270mAh Rx Batt #95002Z \$18.95  
 Antenna Tx VG & RD #99116 \$10.75  
 12" Ail Extension #97011Z \$6.83  
 Servo Grommet Set #99434 \$1.92  
 Servo Arms Assorted #98311 \$3.88  
 Trainer Cord VG & RD #97100 \$12.72  
 7ch FM Receiver #92777Z \$53.95  
 Super Micro ESC #96334Z \$35.95

**PROPS 'N PLUGS**

**FOR VMX-40PRO**  
**PROP FOR BREAK IN...**  
 - NYLON #MAS-1050 \$1.80 OR  
 - WOOD #RPM-1050B \$1.30  
**PROP AFTER BREAK IN...**  
 - NYLON #MAS-1060 \$1.80 OR  
 - WOOD #RPM-1060B \$1.30

**FOR VMX-46PRO**  
**PROP FOR BREAK IN...**  
 - NYLON #MAS-1070 \$1.80 OR  
 - NYLON #APC-10060 \$2.38  
**PROP AFTER BREAK IN...**  
 - NYLON #MAS-1170 \$1.97 OR  
 - NYLON #APC-11060 \$2.58

**MASTER AIRSCREW PROPS FOR OTHER ENGINES**  
 25 SIZE #0960 \$1.55  
 61 SIZE #1180 \$1.97  
 76 SIZE #1280 \$2.63  
 120 SIZE #1680 \$6.82  
 ENYA #3 PLUG \$7.50  
 ENY-GPLUG3

## ACCESSORIES FOR TRAINERS

**Low Cost Top Quality Accessories for 40-60 ARF Trainers such as the VMAR Apache III, Challenger and Discovery. (\* Items are Basic Essentials)**

- \* Fuel Line 2ft for Glow Fuel #DUB-222 \$1.32
- \* Metric Ball Driver - 5pc Metric Set #DUB-453 \$10.45
- \* 1/2" Foam Rubber (For Receiver) #DUB-514 \$3.58
- \* RRCs - 30 Minute Epoxy - 4oz Set #PAC-30ZPX4 \$6.49
- \* Mixing Cups for Epoxy (10) #RRC-MIXDISH2 \$1.85
- \* Dap-A-Goo Adhesive & Sealer #PAC-DAPAGOO \$4.59
- \* Zap-A-Gap Medium CA #PAC-CA+IND \$4.79
- \* Zip Kicker CA Accelerator #PAC-ZKBB \$5.39
- \* Z42 ThreadLocker #PAC-Z42 \$1.94
- \* Maple Leaf #64 Aircraft Grade Natural Rubber Bands #VMA-RB64 (4 oz) \$1.59
- \* Mixing Sticks for Epoxy #RRC-MIXSTIX \$1.10
- \* Thread Locker #PAC-Z42 \$3.59
- \* Ball Link (1/16") for Throttle #DUB-190 \$1.23
- \* Safety Lock Clevis 2mm (12) #DUB-820 \$9.18

**FOR 40 ARF TRAINERS SUCH AS APACHE, CHALLENGER & DISCOVERY**

**Top Quality Accessories For ARF Trainers**

**Low Cost Top Quality Accessories for 40 - .50 size 2-stroke engines such as the VMX-46PRO & 52PRO, Enya 40SS & 40SBB & 50CX. (\* Items are Basic Essentials)**

- \* Bulb Type Fuel Pump #DUB-519 \$12.35 (or Sullivan 12 oz. Bulb #SUL-179 \$9.40)
- \* Glow Plug Ignitor & Charger #DUB-666 \$15.52 (or Sullivan with Meter #SUL-M039 \$32.88)
- \* 4 Way Wrench #DUB-701 \$5.15
- \* 10 x 5 Propellor (for Breakin) #RPM-1050B \$1.30
- \* 10 x 6 Propellor #MAS-1060 \$1.80
- \* 10 x 7 Propellor #MAS-1070 \$1.80
- \* After Run Engine Oil #PAC-ARUN \$3.99
- \* Chicken Stick (for Safe Starting) #SUL-245 \$2.50
- \* Glow Plug - RC Long #SWA-S20RCL \$2.45
- \* Primer Bottle #RRC-PRIMER \$1.53
- \* Exhaust Deflector #DUB-697 \$3.00

**Top Quality Accessories For .40-.50 Engines**

**Stock Up on Extra Props & Plugs!!**

## VIPER ARF ECS - IN 3 FORMS!

**NEW!!**

**Electric RC Version Shown**

**GLOW RC VERSION**  
 #VMA-V32GG (Green)  
 #VMA-V32GR (Red)  
 Span: 33-1/2"  
 Area: 260 sq in  
 Engine: .061-.15 (i.e. Enya .15)  
 Semi-Sym Wing  
 2 deg Dihedral  
 Radio: 4ch/4microSx (AIR-VG407FM + 1x 94091Z) **JUST \$64.95!**

**CONTROL LINE VERSION**  
 #VMA-V12LG (Green)  
 #VMA-V12LO (Orange)  
 #VMA-V12LR (Red)  
 Span: 33-1/2"  
 Area: 260 sq in  
 Engine: .15-.25  
 Tank Included.  
 Fully Sym Wing No Dihedral  
 Optional Flaps Included!  
**JUST \$54.95!**

**ELECTRIC RC VERSION. Wt: 24 oz**  
 #VMA-V22EG (Green)  
 #VMA-V22EO (Orange)  
 #VMA-V22ER (Red)  
 Span: 33-1/2"  
 Area: 260 sq in  
 Flat Bottom Wing  
 3 deg Dihedral. With 400 Motor (7.2v), Gear Box & 8x6 eProp. Use 9.6v 600NiCd or 1100 NiMH Radio: 4ch/3microSx + ESC (AIR-VG407FM + ESC 96344Z) **JUST \$74.95!**

**BONUS! FREE CONTROL HANDLE!**

**ELECTRIC, GLOW OR CONTROL LINE!**

## PILATUS PC3B ARF ECS - ELECTRIC

**NEW!!**

**2 VERSIONS... BOTH WITHAILERONS & ELEVATOR!**

**#VMA-P21ES AEROBATIC SILVER - NO DIHEDRAL**  
 Span: 31-1/2 in. Flat Bottom  
 Area: 160 sq in. Length: 27 in.  
 Weight: 19.3oz Direct Drive  
 20.8oz w/Gear Box  
 Radio: 3ch/2microSx+ESC (AIR-VG407FM + ESC 96344Z)  
 Use 9.6v/600NiCd or 1100 NiMH w/400 Motor (7.2v)  
 Recommend Direct Drive and 6x4 eProp, or 2.5 to 1 Gear Box & 8x6 eProp.  
**INCREDIBLE PRICE... JUST \$49.95!**

**#VMA-P11ES WHITE WITH DIHEDRAL FOR EASY FLYING**

## CUB - ELECTRIC ARF 54" SPAN

**SCALE LIKE ELECTRIC ARF - LOW PRICE!**

Span: 54-3/4". Area: 418 sq in Flat Bottom Wing w/struts. Length: 35"

Direct Drive: Wt: 24oz w/400(7.2v), 600mAh NiCd Pack & 6x4 eProp.  
 Gear Drive Recommended:  
 Wt: 27-30oz w/400(7.2v) & 2.5 to 1 GearBox, 9.6v/6-800mAh NiCd & 8x6 eProp. Use 9.6-12v/1100 NiMH & 9x4.5-6 eProp for more time. Radio: 3-4ch/2-3miniSx+ESC (AIR-VG407FM + ESC 96344Z for up to 8 Cells)  
**INCREDIBLE PRICE... JUST \$59.95!**

## CUB 10 ARF - TRAINER

**GREAT FOR SMALL GLOW ENGINES**

**NEW!! #VMA-C21GX**

Span: 54-3/4". Area: 418 sq in.  
 Flat Bottom Wing w/struts  
 Length: 35"  
 Wt: 1.5 lbs  
 Engine: .061-.12  
 Radio: 3-4ch/3-4 Mini or Micro Sx (AIR-VG407FM + 94091Z Servo + 95002Z 270mAh Rx Pack)  
**ACCEPTS MOST POPULAR .061 TO .12 GLOW ENGINES. MICRO SERVO RECOMMENDED.**  
**SUPER PRICED... JUST \$59.95!**

## RUBBER POWER FOAM FLYER JR 16"

**3D Fuselage**

Span: 16"  
 Area: 100 sq in  
 Length: 12"  
 Wt: 0.5 lbs  
 Engine: .061  
 Radio: 1ch/1Sx  
**JUST \$3.99!**

## RUBBER POWER FOAM FLYER 24"

**3D Fuselage**

Span: 24"  
 Area: 150 sq in  
 Length: 18"  
 Wt: 0.8 lbs  
 Engine: .061  
 Radio: 1ch/1Sx  
**JUST \$5.39!**

# Richmond RC

**Richmond RC Supply Ltd**  
 #114 - 7350 72nd Street, Delta, B.C., V4G 1H9, Canada  
 U.S. Returns, 1574 Gulf Rd, Point Roberts, WA, 98281-9007  
 Phone (604) 940-1066 Fax (604) 940-1063  
 email: sales@richmondrc.com website: www.richmondrc.com



**USA Consumers**  
 In Effect 2003 06 20

**SAVE ON ENGINES AND RADIOS WITH OUR HOT COMBOS!**

**EDGE 540T**  
 DETAILED COCKPIT & PILOT!  
 4 COLORS DARK GREEN #VMA-E160U PEARL RED #VMA-E160R PEARL VIOLET #VMA-E160V PEARL YELLOW #VMA-E160Y

FLAPERON READY!  
 PLUG IN WING! 2 ALUMINUM SPARS!  
 FIBREGLASS COWL, MAIN GEAR & PANTS  
 Graphics are INSIDE THE POLYCOTE... not stuck on top!  
 No Decals, No Layers, No Strips, No Stripes.  
 UltraTough Polycote Polyester!  
 Goodbye Sags! Goodbye Bubbles!

Span: 56 in. Area: 616 sq in. Symmetrical Length: 49.5 in. Wt: 6.25-7 lbs Engine: .46-.61 Radio: 4ch/5Sx

COMBO 46PRO JUST \$49.95 FREE PITTS MUFFLER

**W/POLYCOTE ECS... JUST \$169.95!**

**ARROW AEROBATIC 40-46 ARF**  
 KNIFE EDGE CAPABLE! KNIFE EDGE RUDDER!  
 PRE-INSTALLED METAL MOUNT!  
 SYMMETRICAL WING!  
 Span: 60" Area: 630 sq in. Length: 44-1/2" Wt: 5-6 lbs Engine: .40-.47 Radio: 4ch

**NOW ALSO IN YELLOW!**

**THE CUTTING EDGE... JUST \$109.95!**

**V-STIK 40 ARF #VMA-U140X**  
 BEST VALUE STIK 40 ARF! NOTHING COMPARES!  
 HOTTEST FUN AROUND!  
 TRIKE GEAR!  
 Span: 60 in. Area: 619 sq in. Length: 46 in. Wt: 5-5.5 lbs Engine: .40-.53 Radio: 4ch

**UNBEATABLE PRICE! UNBEATABLE VALUE!**

**JUST \$79.95! COMBO WITH ANY OTHER VMAR ARF... \$59.95!**

**CAP 40 ARF VALUE CAPPED!**  
 Also in 60 & 90" Size  
 Span: #VMA-C044 59-1/4 in. Area: 518 sq in. Length: 44 in. Wt: 5.5-6 lbs Engine: .40-.53 Radio: 4ch

**JUST \$129.95!**

**DO YOU NEED Balsa Wood?**  
**HOT!!**  
 PREMIUM QUALITY Balsa SHEETS... 3" & 4" WIDE!  
 PLEASE SEE BACK COVER FOR LOWEST Balsa PRICES AVAILABLE!

**XTREME STIK 40 ARF ECS**  
 EXTREME ACTION WITH FLAPS & AILERONS!  
 TAIL DRAGGER EXTREME!  
 ULTRA TOUGH POLYCOTE!  
 Span: 60 in. Area: 619 sq in. Length: 46 in. Wt: 5-5.5 lbs Engine: .40-.53 Radio: 4-5ch/5-7Sx

**UNBEATABLE PRICE! EXTREME ACTION!**

**JUST \$94.95! COMBO WITH ANY OTHER VMAR ARF... \$74.95!**

**CAP 60-90 ARF NOTHING CAPS THIS!**  
 Fibreglass Main Gear!  
 Span: 64 in. Area: 625 sq in. Length: 50" Wt: 6.5-7 lbs Engine: .60-.90 Radio: 4ch/5Sx

**JUST \$199.95!**

**EXTRA 40 ARF**  
 RED OR BLUE  
 Span: WITH PILOT! 58-3/8 in. Area: 510 sq in. Length: 42-3/8 in. Wt: 5.5-6 lbs Engine: .40-.53 Radio: 4ch

**JUST \$129.95!**

**V-STIK 60 ARF #VMA-U160X**  
 BEST VALUE STIK 60 TAIL DRAGGER!  
 FUN FLY TAIL DRAGGER!  
 Span: 68-1/2 in. Area: 925 sq in. Length: 54-56 in. Wt: 6-7 lbs Engine: .45-.61 Radio: 4ch

**COMBO WITH ANY OTHER VMAR ARF... \$79.95!**

**CAP 90-120 ARF INCREDIBLE VALUE!**  
 Span: 73-5/8 in. Area: 897 sq in. Length: 65 in. Wt: 11-13 lbs Engine: .90-1.20 Radio: 4ch/7Sx

**JUST \$284.95!**

**AVENGER 60 ARF AFFORDABLE PATTERN!**  
 Span: 66-1/4" Area: 740 sq in. Symmetrical. Swept LE & TE. Plug In Engine: .60-.90 Radio: 4-6ch w/5 servos

**JUST \$199.95!**

**XTREME STIK 60 ARF ECS**  
 EXTREME ACTION WITH FLAPS & AILERONS!  
 TAIL DRAGGER WITH ALL THE MOVES!  
 Span: 68-1/2 in. Area: 925 sq in. Length: 54-56 in. Wt: 6-7 lbs Engine: .45-.61 Radio: 4-5ch/5-7Sx

**COMBO WITH ANY OTHER VMAR ARF... \$99.95!**

**ZPOXY**  
 WHEN JOINING WINGS & ATTACHING STABS... BE SURE!  
 5-MINUTE

Available in 5 & 30 Minute Cure Times. Use 30 Minute for Assembly!

**BE SURE! USE ZAP!**  
 Use ZIP KICKER to accelerate cure time

Ask about 30 Minute Zepoxy, Pacer ZAP-A-GAP and ZIP KICKER for assembling or repairing your model. Huge Stock of Quality CA on hand!



**MAPLE LEAF**  
 #VMA-RB64  
 #64 RUBBER BANDS MADE ESPECIALLY FOR MODEL AIRCRAFT! TWICE AS THICK!  
 4oz Box \$1.59!

The graphics are INSIDE THE POLYCOTE... not stuck on top!  
 No Decals, No Layers, No Strips, No Stripes!  
 Proprietary Sure Seal Seams will not lift!  
 Totally Fuel Proof!

**ENGINE COMBOS!**  
 CHECK OUT OUR TERRIFIC COMBO OFFERS ON VMAX & ENYA ENGINES!  
 .46 ENGINES FROM \$34.95!

**DEHAVILAND BEAVER 45-60 ARF - 72" SPAN! #VMA-B140C**  
 FLAPERON READY!  
 PINNED HINGES!  
 COCKPIT & EXTERIOR GRAPHICS!  
 GLASS COWL!  
 Includes Functional Wing Struts Not Shown  
 SYMMETRICAL WING!  
 FIBREGLASS MAIN GEAR!  
 POWER MODULE SYSTEM!  
 Span: 72 in. Area: 774 sq in. Symmetrical Wing Length: 43-46" Wt: 6-6.5 lbs Engine: .45-.61 Radio: 4ch/4Sx Add 1ch/1Sx for Flaperons

**INCLUDES FREE CLOTH PILOT BUST!**

Also Available with Main Color WHITE #VMA-B140W

**MOST POPULAR SIZE JUST \$179.95!**

**DEHAVILAND BEAVER 120+ ARF - 10 FT SPAN! #VMA-B191C**  
 ALL CONTROL SURFACES PRE-INSTALLED & PINNED!  
 2 PIECE EASYTRANSPORT SEMI-SYMMETRIC PLUG IN WING!  
 TWO ALUMINUM TUBE SPAR JOINERS!  
 FLAPS & AILERONS!  
 EPOXY PAINTED FIBREGLASS COWL!  
 POWER MODULE SYSTEM!  
 FIBREGLASS MAIN GEAR!  
 AERO DYNAMIC STRUTS!  
 ALL NEW MODEL! NOT EXACTLY AS SHOWN  
**NEW!!**  
 MAY 2003

**INCREDIBLE! JUST \$449.98!**

**AIRTRONICS COMBOS!** NEW "Z" TYPE

4CH FM (4 Sx) #AIR-VG400FM \$123.95 COMBO \$113.95! SAVE \$10	6CH FM (4 Sx) #AIR-VG600FM \$147.95 COMBO \$134.95! SAVE \$13	RD6000 SPORT 6CH (4 Sx) #AIR-RD320FM COMPUTER \$214.95 COMBO \$184.95! SAVE \$30
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**DEHAVILAND BEAVER 60-90 ARF - 84" SPAN! #VMA-B160C**  
 FLAPS & AILERONS!  
 COCKPIT & EXTERIOR GRAPHICS!  
 PINNED HINGES!  
 GLASS COWL!  
 Includes Functional Wing Struts Not Shown  
 FIBREGLASS MAIN GEAR!  
 2 PIECE EASY TRANSPORT PLUG IN SEMI-SYM WING WITH ALUM TUBES!  
 Span: 84 in. Area: 1008 sq in. Length: 64 in Wt: 10-12lbs Engine: .60-.90 Radio: 4ch/5Sx Add 1ch/2 Sx for Flaps

**INCLUDES FREE FULL BODY CLOTH PILOT!**

Cabin Top Hatch for easy access to Radio System  
 Wings "Plug In" using two Aluminum Tubes and Heavy Duty Retaining Bolts.

**BEST OF CLASS JUST \$299.98!**