

Exclusive VMAR Distributor
North & South America



NEW!!

PREMIUM
QUALITY!

INDIVIDUALLY
LABELLED!

SHRINK WRAPPED
BUNDLES!

ONLY FROM VMAR &
RICHMOND RC!

PREMIUM Balsa Wood Sheets

Balsa Sheet Size	Part #	Bundle Qty	USA EA		
Balsa Wood 3 x 1/32 x 36 Premium	WBA-3013236	20	\$0.69	BUNDLE LOTS ONLY PLEASE.	
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		WE CANNOT BREAK BUNDLES OF Balsa WOOD
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		

Balsa Stripper



TERRIFIC TOOL...
JUST \$13.95!

#VMA-BS110

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

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

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

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

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



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 \$	Price
VMX-46PRO	\$67.95	\$49.95
VMX-52PRO	\$74.95	\$49.95
ENYA .06 RC AIR ENGINE w/MUFF & SNV	\$46.95	\$49.95
ENYA 09 RC AIR ENGINE w/MUFF & SNV	\$46.95	\$49.95
ENYA 15 RC AIR ENGINE w/MUFF & SNV	\$53.95	\$49.95
ENYA 25 RC AIR SUPER SPORT ENGINE w/MUFF & SNV	\$79.95	\$59.95
ENYA 40 RC AIR SUPER SPORT ENGINE w/MUFF & SNV	\$79.95	\$59.95
ENYA 40 RC BB SUPER SPORT ENGINE w/MUFF & SNV	\$107.95	\$59.95
ENYA CX50 RC BB HI PERFORMANCE ENGINE w/MUFF & SNV	\$142.95	\$59.95
ENYA XF60 RC BB HI PERFORMANCE ENGINE w/MUFF & SNV	\$209.95	\$59.95
ENYA NO. 3 GLOW PLUG - FOR ALL ENYA ENGINES	\$7.50	\$7.50
ENYA 41 RC AIR FOUR STROKE ENGINE w/MUFF	\$184.95	\$184.95
ENYA 53 RC AIR FOUR STROKE ENGINE w/MUFF	\$199.95	\$199.95
ENYA 90 RC AIR FOUR STROKE ENGINE w/MUFF	\$289.95	\$289.95
ENYA 155 RC AIR FOUR STROKE ENGINE w/MUFF	\$399.95	\$399.95

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



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!



3D Rounded
Fuselage!

Power
Module!

Fibreglass Cow!/
Factory Painted
with Epoxy!

RADIO
COMBOS!
Pg 2

SPCS

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

JUST PRICES \$USA
\$179.95!

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

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
\$49.95!

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



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



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** **COMBO 46PRO JUST \$49.95!**
FLAPERON READY! **WITH PILOT!** **FIBREGLASS MAIN GEAR!**
 #VMA-A140X **PINNED HINGES!**
 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!

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!**
UNBEATABLE VALUE... JUST \$89.95!

DISCOVERY 40 ARF TRAINER

THE FREEDOM TO FLY LIKE AN EAGLE!
PINNED HINGES! **ALSO IN BLUE!**
 #VMA-DO14 **WHY BUILD?** **NEW!** **POLYCOTE ECS ENHANCED COVERING SYSTEM** **COMBO 46PRO JUST \$49.95!**
 Span: 63-1/4 in. Area: 730 sq in. Length: 48" Wt: 5-1/2 - 6 lbs Engine: .34-.47 Radio: 4ch
METAL MOUNT! **PRICE LEADER... JUST \$79.95!**

HOTROD 40 ARF SPORT

NEW! #VMA-H014 **COMBO 46PRO JUST \$49.95!**
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! **SPORT TRAINER ARF... JUST \$89.95!**

POWER TOTE - DELUXE

READY TO HAUL! NO ASSEMBLY! NO PAINTING! FORMICA ON 8MM PLYWOOD
ALUMINUM TRIM! TWO DRAWERS! **WITH CRADLES!**
 #VMA-PT109D **WOOD GRAIN BLACK BLUE YELLOW**
 21-5/8" Long x 8-5/8" x 15" High
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!
 Span: 60" Area: 630 sq in. Length: 44-1/2" Wt: 5.5-6.0 lbs Engine: .40-.47
NEW! **PINNED HINGES!** **COMBO 46PRO JUST \$49.95!**
EASY TO SEE! **LOW WING TRAINER... JUST \$99.95!**



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.

For the ultimate in ARF covering, check for POLYCOTE ECS on your next VMAR ARF
 FOR MORE POLYCOTE INFO SEE www.richmondrc.com/polycote.htm

SKYLANE Cessna 182 **NEW!!**

45-60 Semi Scale ARF with POLYCOTE ECS
DETAILED COCKPIT & PILOT! **FLAPERON READY!**
 Span: 63-3/4 in. Area: 589 sq in. Length: 49 in. Wt: 7-7.5 lbs Engine: .45-.61 Radio: 4ch/5sx
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
DETAILED COCKPIT & PILOT! **PINNED HINGES!**
 Span: 76" Area: 628 sq in. Length: 50" Wt: 6.25-6.75 lbs Engine: .45-.61 Radio: 4-5ch/5-7Sx
FIBREGLASS COWL! **FLAPS** **FIBREGLASS MAIN GEAR!**
#VMA-T240X **ENYA COMBO JUST \$179.95!**
 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!**
 Span: 59" Area: 575 sq in. Length: 47" Wt: 5.5-6 lbs Engine: .45-.61 Radio: 4-5ch/5-7 Sx
VH-NOJ **COMBO 46PRO JUST \$49.95 FREE PITTS MUFFLER**
 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 **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!**

F4U CORSAIR 60 ARF

#VMA-C260U
 Span: 63-3/4" Area: 640 sq in. Length: 46-48" Wt: 7.5-8 lbs Engine: .60-.76 Radio: 4ch/5 Sx
TOTALLY UNIQUE! **ENYA COMBO JUST \$179.95!**
2 PIECE GULL WING! **FLAPERON READY!**
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! 46PRO COMBO \$49.95 FREE PITTS MUFFLER
2 PILOTS! **#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

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

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

COMBO 46PRO
 JUST \$49.95
 FREE PITTS MUFFLER

SWISS AIRFORCE #VMA-P240S

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

COMBO 46PRO
 JUST \$49.95
 FREE PITTS MUFFLER

VERY SCALE LIKE... JUST \$149.95!

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

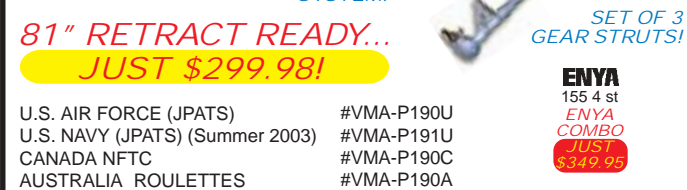
NEW!!

COCKPIT & EXTERIOR GRAPHICS!

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.

COMBO 46PRO
 JUST \$299.98!



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

U.S. AIR FORCE (JPATS) #VMA-P190U

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.

COMBO 46PRO
 JUST \$299.98!



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.

TUCANO EMB S312 45-60 ARF

ANOTHER CLASSIC FROM VMAR

GLASS COWL!

The NEW VMAR Tucano comes complete with Power #VMA-T140E 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

COMBO 46PRO
 JUST \$49.95
 FREE PITTS MUFFLER

BRITISH VERSION JUST \$149.95!

PILOTS WITH CLOTH JACKETS & HATS

Real Sewn Clothing!

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

JODEL DR400 45-60 ARF

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

NEW!!

#VMA-R160F

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

COMBO 46PRO
 JUST \$49.95
 FREE PITTS MUFFLER

NOTHING LIKE IT... JUST \$169.95!

DORNIER DO27 60 SEMI SCALE ARF ECS

NEW!!

COMBO 46PRO
 JUST \$49.95
 FREE PITTS MUFFLER

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

COMBO 46PRO
 JUST \$49.95
 FREE PITTS MUFFLER

TWO VERSIONS... JUST \$179.95!

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

JUST \$1.59

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

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 #99TV 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)

Top Quality Accessories For .40-.50 Engines

- * 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

Stock Up on Extra Props & Plugs!!

VIPER ARF ECS - IN 3 FORMS!

NEW!!

Electric RC Version Shown

GLOW RC VERSION

#VMA-V32GG (Green)
 #VMA-V32GO (Orange)
 #VMA-V32GR (Red)

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)

Area: 260 sq in
 Engine: .15-.25
 Tank Included.
 Fully Sym Wing No Dihedral
 Optional Flaps Included!

ELECTRIC RC VERSION. Wt: 24 oz

#VMA-V22EG (Green)
 #VMA-V22EO (Orange)
 #VMA-V22ER (Red)

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

2 VERSIONS... BOTH WITHAILERONS & ELEVATOR!

NEW!!

#VMA-P21ES AEROBATIC SILVER - NO DIHEDRAL

#VMA-P11ES WHITE WITH DIHEDRAL FOR EASY FLYING

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!

CUB - ELECTRIC ARF 54" SPAN

SCALE LIKE ELECTRIC ARF - LOW PRICE!

NEW!!

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 SERVOS RECOMMENDED.

SUPER PRICED... JUST \$59.95!

RUBBER POWER FOAM FLYER JR 16"

3D Fuselage

#VMA-0010

Our Smallest ARF! 16" Wing Span! Rubber Power!

JUST \$3.99!

RUBBER POWER FOAM FLYER 24"

3D Fuselage

#VMA-0015

Truely ARF! Big 24" Wing Span! Rubber Power!

Takes Off from Pavement!

JUST \$5.39!

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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



COMBO 46PRO JUST \$49.95

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



COMBO 46PRO JUST \$49.95

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



COMBO JUST \$49.95

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!
 JUN 2003
 Span: 60 in. Area: 619 sq in. Length: 46 in. Wt: 5-5.5 lbs Engine: .40-.53 Radio: 4-5ch/5-7sx



COMBO 46PRO JUST \$49.95

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

CAP 60-90 ARF NOTHING CAPS THIS!
 Fibreglass Main Gear!
 Span: #VMA-C016 64 in. Area: 625 sq in. Length: 50" Wt: 6.5-7 lbs Engine: .60-.90 Radio: 4ch/5Sx



COMBO JUST \$179.95

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



COMBO JUST \$49.95

JUST \$129.95!

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



COMBO 46PRO JUST \$49.95

JUST \$99.95! COMBO WITH ANY OTHER VMAR ARF... \$79.95!

CAP 90-120 ARF INCREDIBLE VALUE!
 ENYA 155 4 st ENYA COMBO JUST \$349.95
 Span: #VMA-C019 73-5/8 in. Area: 897 sq in. Length: 65 in. Wt: 11-13 lbs Engine: .90-1.20 Radio: 4ch/7Sx



COMBO JUST \$349.95

JUST \$284.95!

AVENGER 60 ARF AFFORDABLE PATTERN!
 Span: #VMA-A0026 66-1/4" Area: 740 sq in. Symmetrical. Swept LE & TE. Plug In Length: 54-1/2" Wt: 7.5-8.5 lbs ENYA ENYA COMBO JUST \$179.95
 Engine: .60-.90 Radio: 4-6ch w/5 servos



COMBO JUST \$179.95

JUST \$199.95!

XTREME STIK 60 ARF ECS
 EXTREME ACTION WITH FLAPS & AILERONS!
 A TAIL DRAGGER WITH ALL THE MOVES!
 JUN 2003
 Span: 68-1/2 in. Area: 925 sq in. Length: 54-56 in. Wt: 6-7lbs Engine: .45-.61 Radio: 4-5ch/5-7sx



COMBO 46PRO JUST \$49.95

JUST \$119.95! COMBO WITH ANY OTHER VMAR ARF... \$99.95!


ZPOXY
 WHEN JOINING WINGS & ATTACHING STABS... BE SURE!
 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! NEW!!
 #VMA-B140C
 FLAPERON READY!
 PINNED HINGES!
 COCKPIT & EXTERIOR GRAPHICS!
 GLASS COWL!
 SYMMETRICAL WING!
 FIBREGLASS MAIN GEAR!
 POWER MODULE SYSTEM!
 Includes Functional Wing Struts Not Shown



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

COMBO 46PRO JUST \$49.95 FREE PITTS MUFFLER

MOST POPULAR SIZE JUST \$179.95!

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! NEW!!
 #VMA-B160C
 FLAPS & AILERONS!
 PINNED HINGES!
 COCKPIT & EXTERIOR GRAPHICS!
 GLASS COWL!
 POWER MODULE SYSTEM!
 Includes Functional Wing Struts Not Shown



Span: 84 in. Area: 1008 sq in. FIBREGLASS MAIN GEAR!
 Semi-Sym Wing Length: 64 in Wt: 10-12lbs Engine: .60-.90 Radio: 4ch/5Sx Add 1ch/2 Sx for Flaps

2 PIECE EASY TRANSPORT PLUG IN SEMI-SYM WING WITH ALUM TUBES!

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.

ENYA COMBO JUST \$179.95

BEST OF CLASS JUST \$299.98!

DEHAVILAND BEAVER 120+ ARF - 10 FT SPAN! NEW!!
 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!



#VMA-B191C
 Span: 120" Area: 1650 sq in. Airfoil: Semi-Symmetric Length: 69" Wt: 15 - 18 lbs Engine 1.20 - 62 cc Radio: 4 ch w/7 Sx Add 1ch/2Sx for Flaps

ALL NEW MODEL! NOT EXACTLY AS SHOWN
 MAY 2003

INCLUDES FREE 2 FULL BODY CLOTH PILOTS & CABIN LINERS!

ENYA 155 4-Stroke #ENY-1554C ENYA COMBO JUST \$349.95

INCREDIBLE! JUST \$449.98!