

Please use Part #  
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and Visa ready

## VMAR EXTRA 300 40 ARF

Parts, Options and Accessories

To Order:  
Toll Free 877-727-2329  
E-mail: sales@richmondrc.com

file: VMAR Parts Options & Access last updated: 990109		Recommended Quantity for Extra 300L VMA-E0014	Upgraded Choices for Extra 300L VMA-E0014
	Part #		
<b>Replacement/Repair/Upgrade Parts for this VMAR ARF Kit</b>			
Cowl - Fibreglass (Specify Color R, B or Y) - last digit of part number to be R,B or Y	VMA-E0014CW	1 as Spare	
Canopy	VMA-E0014CA	1 as Spare	
Motor Mount (Aluminum) - fits most 40-45 Engines - stock on Extra's sold prior to April 1999	RRC-MOUNT40		
Motor Mount (Aluminum) - works with larger engine cases - available April 1999	RRC-MOUNT45		
Main Landing Gear - 3mm Aluminum	RRC-MAIN40		
Main Landing Gear - HD (standard since 990101) - 4mm Tempered Aluminum	RRC-MAIN40H		
Main Landing Gear - Super Duty Resin (Goldberg) - very very tough. Will not break or bend in normal use	GOL-256		1 as Spare
Tail Wheel Assembly (wheel, wire, horn etc)	RRC-TWASSY		
Servo Tray - Universal, fits all popular brands	RRC-SXTRAY		
<b>ENGINE Choices. (Need 1 Engine)</b>			
MegaTech 46 Ball Bearing Engine (with 1 Plug)	MTC-4600		
K&B .48 Engine (with 1 Plug)	KNB-4800	1	
<b>Glow Plugs - Check your Engine Manual</b>			
- K&B RC Long	KNB-4520	12	
<b>RADIO Choices. (Need 1 Radio)</b>			
Airtronics Vanguard 4 Ch w/3Servos - extra 94102 Servo for Above	AIR-VG070FM AIR-94102		
Airtronics Vanguard 6 Ch w/4Servos	AIR-VG073FM	1	
Airtronics Radiant 6 Ch Computer w/4 Servos	AIR-RD210FM		1
Airtronics RD6000 6 Ch Computer w/4 Servos	AIR-RD310FM		1
<b>MISC ITEMS Needed for this VMAR ARF Kit</b>			
30 Minute Epoxy (8oz Set) - to Join Wings	PAC-30ZPX	1	
Medium Silicone Tubing (2ft for tank and tank to engine)	DUB-222	1	
RC Foam Rubber for Receiver & Battery or RC Foam Rubber (Alternative to GOL-482)	GOL-482 DUB-514	1	
10x7 Propellers (use 1 have 1 spare)	MAS-1070	2	
10x8 Propellers (once engine broken in) or other Props that user may want.	MAS-1080	2	
<b>Basic Repair and Maintenance Materials for this VMAR ARF Kit</b>			
- see above for Cowl, Canopy, Landing Gear, Motor Mounts etc			
- your VMAR ARF Kit is built up from Wood. It contains no Foam or major Plastic components			
Repairs generally involve adhesives, fillers and covering as you would use on any RC wood kit.			
<b>Adhesives.</b>			
- ZAP-A-GAP Cyanoacrylate (1oz)	PAC-CA+IND	1	
- ZIP Kicker to accelerate cure of Cyano (2oz)	PAC-ZKBBIND		1
<b>Fillers for filling dints and dings.</b>			
- Model Mate Balsa Tint	GOL-796		1
<b>Covering for Patching Holes &amp; Recovering after Repairs</b>			
- a colored patch sheet has been included with your kit. See below for suitable not exactly color matches			
- UltraCote White (#870) or UltraPlus (#800)	GOL-870 or 800	15	
- UltraCote (Red/#883 or Blue/#885 or Yellow/#872)	<<< color & #		
- UltraPlus (Red/#813 or Blue/#815 or Yellow/#802)	<<< color & #		1
- UltraTrim (Red/#81302 or Blue/na or Yel/#80200)	<<< color & #	1	
- UltraPaint (Red/#P81390, Blue/#P81590, Yel/#P80290)	<<< color & #		
- Heat Gun for Shrinking covering over open bays	MTC-HEATGN		1
- Heat Iron for Applying covering over solid areas	MTC-IRON		1

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**See the General Section for Discussion Groups about VMAR ARF Kits**  
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<b>OPTIONAL ITEMS to be considered for this VMAR ARF Kit</b>				
External Switch Actuator & Charging Jack - keeps switch inside Fuse out of dirt etc	DUB-207		1	
Upgraded Clevises (need up to 12). If want to to use a clevis from an RC Hardware supplier.				
- from Carl Goldberg Models (6 clevis/pk)	GOL-321 (6/pk)		2	
- from Dubro Products (12 clevis/pk)	DUB-602 (12/pk)			
Spare or Upgraded Battery Pack for Receiver if you want extra potential flying time. (select by radio type)				
- For Airtronics 700mAh Sanyo Pack	BAT-700E48AF		1	
- For Airtronics 1100mAh Sanyo Pack	BAT-110U48AF			1
- For Futaba 700mAh Sanyo Pack	BAT-700E48JF			
- For Futaba 1100mAh Sanyo Pack	BAT-110U48JF			
- For JR 700mAh Sanyo Pack	BAT-700E48RF			
- For JR 1100mAh Sanyo Pack	BAT-110U48RF			
<b>FIELD ACCESSORIES - Bare Minimum</b>				
Glow Plug Ignitor	DUB-666		1	
- see note below if buying Power Panel				
Four Way Wrench	DUB-701		1	
Fuel Pump - Manual - Dubro Squeeze Type or MegaTech Crank Type	DUB-519 MTC-1210		1	
After Run Oil for the Engine	PAC-ARUN		1	
<b>FIELD ACCESSORIES - Optional</b>				
If going with the 12V Electric Accessories you will need a 12V 5 to 8 AmpHour Motorcycle or Alarm Battery.				
12V 5-8 Amp Hour Battery	local purchase		1	
12V 500mAh Charger for Battery	MTC-011180		1	
12V Electric Starter for Engine	MTC-161100		1	
12V Electric Fuel Pump	MTC-1220			
12V Power Panel	MTC-011170		1	
- if buying Power Panel the DUB-666 Glow Ignitor is still useful but can be reconsidered				
Glow Plug Cord & Clip. (need for Power Panel)	DUB-337		1	
Ready to Haul Power Tote. Best ARF Tote - preassembled. Needs no Painting. 2 Drawers or Super Tote Kit from Goldberg. Best Tote Kit	VMA-PT109 GOL-102		1	
<b>THINGS TO BE BOUGHT LOCALLY.</b>				
Fuel for the Engine. Usually sold in local hobby stores due to freight and hazardous products shipping considerations. Usually in 1 gal			10% Nitro	
Plastic Jugs. Omega is a good brand Use good quality fuel with a blend of castor and synthetic lubricants.				
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