

packaging	contents	quantity	units	in box	rec'd	notes
IN SHIPPING BOX						
instructions						
envelope	packing list, instructions and diagrams, use of glues, glossary, sailing directions	1	set			
	flag, UK	1				
	flag, US					
	flag, FR					
	flag, ES					
	flag, SE					
	flag, DK					
	flag, NL	1				
	flag, PT					
	color chips for paint matching: red ochre, yellow ochre, dirty verdigris, blue	1	set			
	paper plans, sheets A - D	1	set			
hull, deck, bulwarks, cart & loose parts						
	fiberglass hull	1				
	servo deck, fiberglass, assembled	1				
	keel rod tubes, 3/4" od garolite, assembled	14	inches			
	8-32 brass thermoplastic inserts, long, for rudder plate, assembled	2				
	1/4-20 brass thermoplastic insert, drain plug, assembled	1				
	fiberglass deck with mechanical hatch cut	1				
	deck and mechanical hatch veneer with screen-printed planking pattern, assembled	1				
	scrap 3/8" bulwark for tests (marked "scrap")	1				
	mechanical hatch well, ABS/polycarbonate, machined	1				
	mechanical hatch back seal, 1/4" ABS, machined	1				
	rudder, clear polycarbonate, machined, assembled	1				
	1/4" brass rudder shaft, cut, drilled and countersunk, assembled	12.04	inches			
	4-40 brass thermoplastic inserts, long, assembled	2				
	4-40 x 1/2" ss flat head phillips machine screws, assembled		2			
attached to box	cart cradle pieces, 1/2" marine ply, painted black	2				
	cart handle, enamelled steel with 1/4-20 x 2" nuts & bolts	1				
	cart wheels	2				
	bulwarks with pre-cut gunports, 3/8" expanded PVC	2				
tied to lid	0.093" ss spring foresail wire, formed	1				
	triangular strip, 3/16" x 3/16" (4.8mm) hardwood (waterway)	120	inches			

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masts						
bundle	fore lower, slotted heel, slotted and drilled for hinge plate	1				
	fore upper, slotted and drilled for hinge plate	1				
	fore topmast	1				
	fore topgallant, drilled for insert	1				
	4-40 brass thermoplastic insert, long, assembled	1				
	fore royal, drilled for threaded rod	1				
	4-40 brass threaded rod, assembled	0.75	inches			
	main lower, slotted heel, slotted and drilled for hinge plate	1				
	main upper, slotted and drilled for hinge plate, drilled for head 3/8"Ø x 3.75" deep	1				
	main head, drilled 3/8"Ø x 1.75" deep	1				
	3/8" brass rod head pin, assembled	5.5	inches			
	main topmast	1				
	main topgallant	1				
	jibboom	1				
bowsprit, angled heel and head	1					
tapered spars						
bundle	foreyard, slotted	1				
	main (crossjack) yard	1				
	fore topyard	1				
	fore topyard, slotted	1				
	main topyard	1				
	main topyard, slotted	1				
	fore topgallant yard	1				
	fore topgallant yard, slotted	1				
	main topgallant yard	1				
	main topgallant yard, slotted	1				
	gaff boom, slotted	2				
driver boom (drilled for 1/8" pin)	1					
sails						
printed in groups on fabric measuring 42 x 64" (98 x 162cm):						
wrapped roll	main topsail, fore topsail, driver (full), foresail	1	sheet			
	reefed driver, jib, main topgallant, fore topgallant	1	sheet			
	furled sails unprinted 42" x 52" (1 x 1.3m)	1	sheet			

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stock material						
bundle	hardwood plank, 1/16" x 3/8" (1.6 x 9.5mm) (inner rail trim)	120	inches			
	hardwood square stock, 1/8" x 1/8" (3.2 x 3.2mm) (hatch coaming top trim)	72	inches			
	hardwood square stock, 1/4" x 1/4" (6.4 x 6.4mm) (raised deck beams, timberheads, lower tops' crosstrees)	72	inches			
	hardwood square stock, 5/16" x 5/16" (8 x 8mm) (bowsprit bitts and crossbeam, gallows bitts, jeer bitts crossbeam)	24	inches			
	hardwood square stock, 3/8" x 3/8" (9.5 x 9.5mm) (knightheads, anchor bitts, crossbeam, gallows bitts' beams, jeer bitts)	48	inches			
	brass rod, 1/16" (1.6mm) (pins, fids)	44	inches			
	brass rod, 3/32" (2.4mm) (upper yard trusses)	18	inches			
	brass rod, 1/8" (3.2mm) (lower yard trusses, driver boom pin, dolphin striker)	24	inches			
	ss 1/4-20 threaded keel rod	24	inches			
	polypropylene tube, .132" (3.35mm) (running rigging fairleads)	21	inches			
fiberglass tube, 1/4" (6.4mm) (scuppers)	24	inches				
bundle	hardwood plank, 1/16" x 5/16" (1.6 x 8.0mm) (ladder steps)	12	inches			
	brass rod, 1.5mm (.059") Marked with red line (sheave axles)	12	inches			
	dowel, 1/8" (3.2mm) (bowsprit pins)	12	inches			
	strip styrene .040" x .100" (1 x 2.5mm) (small sail heads, thwart and gunwale rail boat)	84	inches			
	strip styrene .040 x 1/4" (1 x 6.4mm) (sail attachment to yards)	168	inches			
bundle	hardwood plank, 1/8" x 1/2" (3.2 x 12.7mm) (wheel assembly)	6	inches			
	hardwood dowel, 1/4" (6.4mm) (mast pins)	6	inches			
	hardwood dowel, 1/2" (12.7mm) (wheel drum)	6	inches			
	hardwood dowel, 3/4" (19mm) (wheel drum end)	6	inches			
	ABS rod 1/4" (6.4mm) (removable mast pins)	6	inches			
white PVC tube, 1-5/16" (33mm) - stern	3	inches				
sheet stock						
envelope	deck pattern, fore raised deck, printed veneer	1				
	deck pattern, aft raised deck, printed veneer		1			
	foretop floor, printed veneer	1				
	maintop floor, printed veneer	1				
	floor, ship's 24' launch, printed veneer	1				
	.04" (1mm) black styrene hatch backing material 12" x 6" (30 x 15cm)	1				
	red pennant foil 10" x 26" (32 x 84cm)	1				
	adhesive backed sail tabling material 9" x 6" (23 x 15cm)	1				
	hatch grating, black plastic, 1/16" x 5" x 7" (1.5mm x 13 x 18cm)	1				
	aft hatch light grating, black styrene, 1-5/8" x 6"	1				

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hull and deck parts						
bag A	fore channels, 1/4" aircraft ply	2				
	main channels, 1/4" aircraft ply	2				
	mast step block, fore, 1/2" ABS	1				
	mast step block, aft, 1/2" ABS, engraved with ship number, paint-filled	1				
	fore mast step plate, 1/8" ABS	1				
	aft mast step plate, 1/8" ABS	1				
	fore raised deck, fiberglass	1				
	aft raised deck, fiberglass	1				
	stemhead, black ABS, machined	1				
	keel rod extension tubes, 0.5"Ø x 3" (13Ø x 76mm) fiberglass with internal chamfer	2				
	side steps, hardwood	14				
	barrel, assembled (keel rod nuts)	2				
	barrel brass insert, 1/4-20 thermoplastic long, assembled	2				
	rudder base plate, 1/8" brass, 0.5 x 1.75", drilled and shaped	1				
	8-32 1/2" ss flathead screws - rudder axle base plate	2				
	drain plug:					
	1/4-20 x 3/4" ss allen head cap screw	2				
	3/16" steel allen wrench	1				
Viton 'O' rings	4					
bag B	capstan top, hardwood	1				
	capstan turning ring, hardwood	1				
	capstan base, hardwood	1				
	capstan whelps, hardwood	6				
	ladder sides, hardwood, port	2				
	ladder sides, hardwood, starboard	2				
	mainmast bitt knees, 1/4" aircraft ply	2				
	anchor bitt knees, 1/4" aircraft ply	2				
	bowsprit bitt knees, 1/4" aircraft ply	2				
	bowsprit bitt heel plate, fore, 1/8" aircraft ply	1				
	bowsprit bitt heel plate, mid, 1/8" aircraft ply	1				
	bowsprit bitt heel plate, backing, 1/8" aircraft ply	1				
	bowsprit rest, hardwood	1				
	ship's wheel, machined black polycarbonate	1				
	fore hatch sides, 1/4" aircraft ply	2				
	fore & main hatch crosspieces, 1/4" aircraft ply	6				
	main hatch sides, 1/4" aircraft ply	2				
	companionway/aft hatch side, starboard, 1/4" aircraft ply	1				
	companionway/aft hatch side, port, 1/4" aircraft ply	1				
	companionway/aft hatch walls, 1/4" aircraft ply	2				
	companionway/aft hatch roof, 1/8" aircraft ply	1				
	companionway/aft hatch crosspieces, 1/4" aircraft ply	5				
	catheads, hardwood	2				
	anchors, 7 cwt., cast polyurethane	2				
	flukes for 7 cwt anchors, black ABS, assembled	4				
	anchors, 20 cwt., cast polyurethane	2				
flukes for 20 cwt anchors, black ABS, assembled	4					
anchor stocks, 20 cwt., cast polyurethane	2					

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bag C	upper head rail - starboard, cast polyurethane	1					
	upper head rail - port, cast polyurethane	1					
	lower head rail - starboard, cast polyurethane	1					
	lower head rail - port, cast polyurethane	1					
guns							
bag D	6 lb cannon barrels, cast polyurethane	2					
	cannon wheels, fibered rubber	8					
	6 lb cannon carriage assemblies						
	sides, 1/8" (3.2mm) aircraft ply	4					
	fore axle tree, 1/8" (3.2mm) aircraft ply	2					
	aft axle tree, 1/8" (3.2mm) aircraft ply	2					
	stool bed, 1/8" (3.2mm) aircraft ply	2					
	quoin, 1/8" (3.2mm) aircraft ply	2					
	transom, 1/8" (3.2mm) aircraft ply	2					
	axles, 1/8" (3.2mm) aircraft ply	4					
	32 lb carronade barrels, cast polyurethane	16					
	32 lb carronade carriage assemblies						
	truck, 1/4" (6.3mm) aircraft ply	16					
	joint chock, 1/16" (1.6mm) aircraft ply	32					
	carriage, 3/16" (4.8mm) aircraft ply	16					
	slide, 1/4" (6.3mm) aircraft ply	16					
2-56 1" ss fillister head elevating screw	16						
8-32 1/2" ss round head carriage screw	16						
carronade pin spacer, white nylon, 1/8" id x 1/4" od x 1/4"	16						
ship's boat							
	ship's boat, 24' launch/longboat	1					
bag E	24' launch/longboat detail kit						
	fore grating frame, 1/16" (1.6mm) aircraft ply	1					
	aft grating frame, 1/16" (1.6mm) aircraft ply	1					
	stern sheets, 1/16" (1.6mm) aircraft ply	1					
	breast hook, 1/16" (1.6mm) aircraft ply	1					
	fore grating riser, 1/16" (1.6mm) aircraft ply	1					
	aft grating riser, 1/16" (1.6mm) aircraft ply	1					
	stern sheet backrest, 1/16" (1.6mm) aircraft ply	1					
	helmsman's seat, 1/16" (1.6mm) aircraft ply	1					
	rudder, 1/8" (3.2mm) aircraft ply	1					
	chocks, fore 1/4" (6.3mm) aircraft ply	2					
	chocks, aft, 1/4" (6.3mm) aircraft ply	2					
servo parts							
box	815BB brace servo with circular horn, "Y" cable, and ss center screw (#4 1/2" sheet metal screw)	3					
box	645MG rudder servo with offset 2-arm horn, and ss center screw (2.5mmØ x 8mm)	1					
tied to base	6 VDC 7 AH lead acid gel cell battery, 3/16" spade lug terminals	1					
	fore brace servo block 2" x 4" x 2-3/8" (51 x 102 x 60mm)	1					
	sheet servo block 2" x 3-1/2" x 2-13/16" (51 x 89 x 71mm)	1					
	main brace servo block 2" x 5" x 2-3/8" (51 x 127 x 60mm)	1					

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bag F	rudder servo retaining plate, 1/8" aircraft ply, drilled	1				
	rudder servo tray, machined polyurethane	1				
	fore & aft sheet servo arm, 1/8" delrin, machined	1				
	brace servo arms, 1/8" delrin, machined	2				
	servo extension cable, 24" (61cm)	1				
	servo wire	12	inches			
	battery connectors, spade crimp, 3/16"	2				
	square tube, 5/16" x 1.66" (8 x 42.2mm) styrene (servo bolt spacers)	12				
	adjusting servo links, black ABS, machined	6				
	2-56 5/8" machine screws (adjusting link to servo arm)	6				
	4-40 1/2" machine screws (brace arm to servo horn)	6				
	8-32 1-1/8" ss screws (rudder servo tray to retaining plate)	2				
	8-32 2-1/4" ss machine screws (servo)	12				
	8-32 knife-thread inserts (servo block)	14				
rudder shaft adapter, delrin	1					
masting components						
bag G	fore top, 1/4" aircraft ply	1				
	main top, 1/4" aircraft ply	1				
	trestletree/cheeks fore, starboard, 1/4" aircraft ply	1				
	trestletree/cheeks fore, port, 1/4" aircraft ply	1				
	trestletree/cheeks main, starboard, 1/4" aircraft ply	1				
	trestletree/cheeks main, port, 1/4" aircraft ply	1				
	main cap, hardwood	1				
	fore cap, hardwood	1				
	bowsprit cap, hardwood, angled bores	1				
	main & fore topmast caps, hardwood	2				
	main & fore topmast crosstrees, hardwood	6				
	main & fore topmast trestletrees, hardwood	4				
	mainmast top tressletree filler piece, 1/8" aircraft ply	1				
	foremast top tressletree filler piece, 1/8" aircraft ply	1				
	main & fore topmast tressletree filler pieces, 1/16" aircraft ply	2				
	fore mast hinge plate, 1/4" x 7/8" ABS/aircraft ply	1				
	main mast hinge plate, 1/4" x 1" ABS/aircraft ply	1				
	fore brace guides, delrin, machined	1				
	main brace guides, delrin, machined	1				
	#4 ss 1" sheet metal screws for brace guides	4				
	jibboom saddle, ABS, machined	1				
	5/16" id mast trucks, black ABS, bored and assembled - topgallants	2				
	1/4 x 7/8" ss dowel pin - foremast hinge	1				
	1/4 x 1" ss dowel pin - mainmast hinge	1				
	5/8" brass split rings (anchor)	2				
	3/4" brass split rings (anchor, removable mast pins)	4				

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rigging components						
bag H	.064" Ø (1.6mm) soft annealed brass wire (alloy 260)	48	inches			
	.080" Ø (2mm) soft annealed brass wire (alloy 260)	120	inches			
	large cable ties	25				
	small cable ties	100				
	1/4" (6.4mm) rubber tube (driver boom gooseneck)	6	inches			
	small rubber bands	lots				
	topmast tab deadeyes, black delrin, machined	16				
	topmast deadeyes, black ABS, machined	16				
	lower deadeyes, 1/2"Ø (15.5mm), black ABS, machined	40				
	rigging blocks, ABS, machined (4 braces, 2 driver sheet take-up)	6				
	sister block, ABS, machined (jibsheel)	1				
	foremast jibsheel block, ABS, machined (jibsheel)	1				
	driver sheet block pad, ABS or polyurethane, machined	1				
	brass sheaves (blocks), turned	9				
	rigging eyes, brass	60				
	rigging eyes, brass, large	6				
	rigging clips, brass	26				
	rubber brace grommets (brace attachment to yards)	4				
	1/4 oz (7gm) fishing weights, lead	2				
	3/8 oz (10.6gm) fishing weights, lead	2				
	1/4"Ø x 3/4" dowel pin, steel (chain bending jig)	1				
	3/8"Ø x 3/4" dowel pin, steel (chain bending jig)	1				
	0-80 1/2" ss machine screws (chain plate bolts)	56				
	2-56 5/8" ss machine screws (rigging blocks and pad)	9				
	2-56 brass thermoplastic inserts, long (block attachment)	9				
	3/32" (2.4mm) truss collars, chrome plated brass	6				
1/8" (3.2mm) truss collars, chrome plated brass	10					
3/64" allen wrenches - for collars	2					
rigging line						
bag J	.028" (.71mm) manila dacron (all running rigging)	35	feet			
	.021" (.53mm) nylon (54' (16.5m) cards)	2				
	.028" (.71mm) black dacron	25	feet			
	.050" (1.27mm) black dacron	84	feet			
	.064" (1.6mm) black dacron	46	feet			
	.130" (3.3mm) black cotton braid	18	feet			
	.040" (1mm) black rubber cord (upper deadeye lanyards)	10	feet			
	1/16" (1.6mm) black rubber cord (lower deadeye lanyards)	14	feet			
	1/4" (6.3mm) adhesive lined shrink tubing (seizing)	2	feet			
	3/16" (4.8mm) adhesive lined shrink tubing (seizing)	2	feet			
	1/8" (3.2mm) adhesive lined shrink tubing (seizing)	4	feet			
	1/16" (1.6mm) shrink tubing (seizing)	2	feet			

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IN KEEL CRATE						
	lead keel, 3% antimony lead, painted black	1				
	1/4-20 ss coupling nuts, cast in place	3				
	1/4-20 1/2" ss hex entrapment bolts, cast in place	3				
	cart cradle cross pieces, 1/2" marine ply, painted black	2				
	cart axle, steel	1				
	cart sides, nylon	2				
	cart beams, nylon	3				
bag K	cart hardware (stainless steel)					
	1/4-20 x 1-1/2" bolts	2				
	1/4-20 nuts	2				
	5/16-18 x 2" bolts	4				
	5/16-18 nuts	4				
	1 1/2" od x 5/8" id (38 x 16mm) flat washers	4				
	1" (25.4mm) cotter pins	4				