



March 18, 2021

CONSTITUTION CROSS SECTION

PARTS LIST MS2045

Part #	Item	Quantity	Description/Notes
Cast Parts			
WP2045-1	Britannia Metal - All	1	Canopy Frame Top
WP2045-2		1	Canopy Frame Middle Short
WP2045-3		1	Canopy Frame Middle Long
WP2045-4		1	Canopy Frame Bottom
WP2045-5		4	Pump Base Frames
WP2045-6		2	Double pump Handles
WP2045-7		2	Single Pump Handles
WP2045-8		2	Double Pump Arms
WP2045-9		2	Single Pump Arms
WP2045-10		6	Center Linkage Arms
WP2045-11		2	Pump Cylinders
WP2045-12		1	Pump Expansion Tank
WP2045-13		2	Main Yard outer Boom Irons
WP2045-14		2	Topsail Outer Boom Iron
WP2045-15		2	Main Yard Outer Boom Caps
WP2045-16		2	Topsail Outer boom Caps
WP2045-17		4	Pendant Rings
WP2045-18		2	Main Yard Lift Rings
WP2045-19		6	Pump Shaft Flanges
WP2045-20		3	Topmast and Cheek Sheaves
WP2045-21		3	Topgallant and Main Yard Sheaves
WP2045-22		10	Upper Futtock Thimbles
WP2045-23		22	Futtock and Bentinck Thimbles
WP2045-24		2	Main Yard Outer Boom Iron Tongue
WP2045-25		2	Topsail Outer Boom Iron Tongue
WP2045-26		2	Topgallant Quarter Irons
WP2045-27		2	Topgallant Outer Irons
WP2045-28		1	Bell
WP2045-29		1	Bell Bracket
WP2045-30		4	Quarter Boom Irons
WP2045-31		8	Quoin
WP2045-32		6	Pump Bodies
WP2045-33		6	Pump Suction pipes
WP7803	4	Carronade Barrels	
WP7812	4	Long Gun Barrels	
WP7805	4	Carronade Rear Trucks	
WP7816	2	Ammo Scuttles	
WP7810	4	Scuppers	
WP7809	4	Gun Port Eyebrow	
WP7802	6	Berthing Deck Port Lights	

Miscellaneous Fittings and Materials

WP2461	1/8" Bullseye	4	Wood
WP2462	3/16" Bullseye	4	Wood
WP 0340	3/16" Deadeye	40	Wood
WP0302	3mm Single Block	40	Wood
WP0308	3mm Double Block	40	Wood
WP0303	4mm Single Block	10	Wood
WP0309	4mm Double Block	10	Wood
WP0304	5mm Single Block	10	Wood
WP0310	5mm Double Block	10	Wood
WP0346	5mm Triple Block	10	Wood
WP0387	Barrel	4	Wood
WP0388	Barrel	8	Wood
WP0389	Barrel	4	Wood
WP2045-34	Mast Pendant	1	Fabric
WP0955	Split Rings	8	Brass
WP160K	1/32" x 12" Brass Rod	3	Cannon Ball Rack , Boarding Pikes
WP0888	1/64" x 1/16" x 12"	2	Brass Flat Bar
WP123119	28 Gauge Soft Wire	10ft.	Stropping deadeyes, Eyebolts
WP0976	1/4" Copper Foil	20yds.	Hull Sheathing
WP0429	Jackstays	50	Eyebolts on Yards, Cap Rail, Gangway
WP0428	5mm Jackstays	50	Eye Bolts
WP2523	Cannon Balls	14	Beads
WP0410	Belaying Pins	50	Brass
WP2828	Netting Fabric 2-1/2 x 9"	1	Hammock Netting
WPC1279	Gray Gravel	80cc	Ballast

Rigging Line

WP1241	.008" Diameter Beige	30yds.	Used to seize knots.
WP1246	.012" Diameter Beige	5yds.	Used for Halyard
WP1242	.020 Diameter Beige	30yds.	Used for lines.
WP1244	.041 Diameter Beige	20yds.	Used on guns.
WP1218	.008 Diameter Black	30yds.	Used to seize knots.
WP1210	.020 Diameter Black	50yds.	Used for lines.
WP1215	.040" Diameter Black	15yds.	Shroud lines

Photo Etched Brass Sheets

WP29131	Hammock Stanchions	1	Located on top of cap rail.
WP29132	Chain Plates	1	From channel Deadeyes to hull.
WP29133	Small and Large Hooks	1	Used in rigging lines
WP2559	Gun Port Hinges	1	Used on Gun Ports

Wood Strips

WP3600	1/32" x 1/32" x 12"	1	Sea Steps
WP3602	1/32" x 1/16" x 12"	1	Sea Steps
WP3603	1/32" x 3/32" x 12"	1	Sea Steps
WP3618	1/16" x 1/16" x 12"	6	Fighting Top
WP3619	1/16" x 3/32" x 12"	1	Spar Deck; inner wall trim
WP3620	1/16" x 1/8" x 12"	9	Main Cheeks Strips
WP3622	1/16" x 3/16" x 12"	15	Hull Planking
WP3623	1/16" x 1/4" x 12"	2	Diagonal Braces
WP3625	3/32" x 3/32" x 12"	1	Long Gun Axles
WP3634	1/8" x 1/4" x 12"	1	Cap Rails
WP3648	5/32" x 5/32" x 12"	1	Large Wood Pegs
WP3604	1/32" x 1/8" x 12"	1	Fighting Top Edge Batten
WP3640	3/16" x 3/16" x 12"	2	Posts & Topmast
WP3683	1/4" x 5/16" x 12"	1	Keelson Frame, Keelson
WP3643	1/4" x 1/4" x 12"	2	Keelson Cap & Outer Hull Fillers
WP3637	1/4" x 1/2" x 12"	1	Keel, Mast Foot
WP3651	5/16" x 5/16" x 3"	1	Topmast

Wood Dowels

WP5109-8	7/16" Diameter x 8"	1	Mast Locating Fixture
WP5109-16	7/16" Diameter x 16"	1	Main Mast
WP5104	1/4" Diameter x 12"	2	Topmast, Topsail Yard
WP5103	3/16" Diameter x 12"	1	Topgallant
WP5105	5/16" Diameter x 18"	1	Main Yard
WP5102	5/32" Diameter x 8"	1	Topgallant Yard
WP5101-6	1/8" Diameter x 6"	1	Royal Yard
WP5101-18	1/8" Diameter x 18"	1	Deck Posts

Laser Cut Wood Sheets

WP2045-A	1/16" Basswood Sheet	1	See plan sheets 4 & 5 for descriptions
WP2045-B	1/16" Basswood Sheet	1	
WP2045-C	1/16" Basswood Sheet	1	
WP2045-D	1/16" Basswood Sheet	1	
WP2045-E	3/32" Basswood Sheet	1	
WP2045-F	1/32" Basswood Sheet	1	
WP2045-G	1/32" Basswood Sheet	1	
WP2045-H	1/8" Plywood Sheet	1	
WP2045-I	1/8" Plywood Sheet	1	
WP2045-J	1/16" Basswood Sheet	1	
WP2045-K	1/16" Basswood Sheet	1	
WP2045-L	1/16" Basswood Sheet	1	
WP2045-M	1/16" Basswood Sheet	1	
WP2045-N	1/8" Basswood Sheet	1	
WP2045-O	1/8" Basswood Sheet	1	
WP2045-P	5/32" Basswood Sheet	1	
WP2045-Q	3/16" Basswood Sheet	1	
WP2045-R	1/8" Basswood Sheet	1	
WP2045-S	1/8" Basswood Sheet	1	
WP2045-T	1/8" Basswood Sheet	1	

Plans and Instructions

WP2045MB	Instruction Manual	1	
WPPL2045-1	Plan Sheet 1 of 5	1	Assembly views
WPPL2045-2	Plan Sheet 2 of 5	1	Detail Views
WPPL2045-3	Plan Sheet 3 of 5	1	Parts Layout
WPPL2045-4	Plan Sheet 4 of 5	1	Laser Cut Parts -1
WPPL2045-5	Plan Sheet 5 of 5	1	Laser Cut Parts -2
WPPL2045	Materials List	1	