



3/14/2013

## ARMED VIRGINIA SLOOP PARTS LIST MS2160

PART #ITEM	QUANTITY	DESCRIPTION/NOTES
<b>BRITANNIA CASTINGS 6 pk</b>		
WP8001	2	Anchor shanks
WP8002	6	Cannon barrels
WP8003	8	Swivel guns
WP8004	1	Galley stack
WP8005	1	Steering wheel
WP8006	1	Mast cap
WP8007	1	Bowsprit heel iron
WP8008	1	Gammon iron
WP8009	2	Jibboom irons
WP8010	12	Mast hoops
WP8011	35	Deck and spar cleats
WP8012	10	Shroud cleats
<b>BRASS AND MISCELLANEOUS FITTINGS AND MATERIAL</b>		
WP0429	70	Ringbolt eyebolts
WP0428	30	Ringbolt eyebolts
WP0993	100	Nails
WP0955	36	Hatch and cannon rig ringbolts
WP2523	15	Gaff and boom parrel beads
WP40222SEC	2 feet	Chain plate/deadeye strop
WP0952	15	Cannon carriage ringbolts
WP2872	10	Machine-cut wood is boxwood
WP40244SEC	1	Fake hinge pins, rigging block hooks
WP160K-12	4"	Boom sheet traveler
WP162K-12	2"	Steering wheel/drum shaft
WP0888	2	Pintles, gudgeons, & other iron straps
<b>DEADEYES, BULLSEYES, &amp; BLOCKS</b>		
Note: All fittings are Walnut unless otherwise noted. Note that the forestay hearts are laser -cut parts. Refer to that list.		
WP0340	20	Deadeyes - 3/16"
WP0303	60	Blocks - 5/32" single
WP0304	20	Blocks - 3/16" single
WP0309	25	Blocks - 5/32" double
WP0310	6	Blocks - 3/16" double

WP0339	Deadeyes - 1/8"	4	For spreader horse
WP2460	Bullseyes - 3/32"	6	Use as thimbles in backstays
WP2461	Bullseyes - 9/64"	3	For bobstay

## RIGGING LINE

Note: Rigging line is Nylon. Black (tarrred line) is for standing rigging; Tan (manilla-hemp color) is for running rigging and anchor cable. Thread is waxed polyester in tan and black for seizings.

WP2589	0.005" dia. black thread	25 yd.	
WP2587	0.005" dia. tan thread	25 yd.	
WP1210	0.021" dia. black	30 yds.	
WP1211	0.028" dia. black	30 yds.	
WP1215	0.040" dia. black	10 yds.	
WP1216	0.051" dia. black	5 yds.	
WP1242	0.021" dia. tan	30 yds.	
WP1243	0.028" dia. tan	30 yds.	
WP1244	0.040" dia. tan	2 yds.	Anchor cable

## WOOD DOWELS

Note: All dowels are Beech/Walnut or Poplar. Dowels are supplied in lengths as noted. Cut to length as required.

### BEECH

WP5100-12	5/64" x 12"	1	Flag staff
WP5101-24	1/8" x 12"	1	Jibboom
WP5102-09	5/32" x 09"	3	Gaff and yards
WP5103-12	3/16" x 12"	1	Topmast
WP5104-18	1/4" x 24"	1	Boom, Pumps and steering wheel drum
WP5106-24	3/8" x 24"	2	Lower mast and bowsprit

## WOOD STRIPS AND BLOCKS

Note: All wood is Basswood or Walnut as noted. Wood strips are supplied in lengths as noted. Cut to length as required.

### BASSWOOD STRIPS

WP3661-24	3/64" x 3/32" x 24"	4	
WP3660-24	3/64" x 1/8" x 20"	18	
WP3687-24	3/64" x 3/16" x 24"	30	
WP3613-24	3/64" x 1/4" x 24"	20	
WP3679-24	3/64" x 1/2" x 24"	2	
WP3622-24	1/16" x 3/16" x 20"	2	
WP3625-24	3/32" x 3/32" x 24"	2	
WP3626-24	3/32" x 1/8" x 24"	2	
WP3629-24	3/32" x 1/4" x 24"	2	
WP3633-24	1/8" x 3/16" x 24"	2	
WP3640-24	3/16" x 3/16" x 24"	2	
WP3643-24	1/4" x 1/4" x 24"	18	Launching ways

## WALNUT STRIPS

WP3300-40	0.030" x 1/8" x 20"	8
WP3302-40	0.030" x 3/16" x 20"	36
WP3306-40	0.030" x 1/4" x 20"	26
WP3308-40	3/64" x 1/16" x 20"	2
WP3309-40	3/64" x 3/32" x 20"	2
WP3310-40	3/64" x 1/8" x 20"	8
WP3312-40	3/64" x 3/16" x 20"	26
WP3350-40	3/64" x 3/8" x 20"	2
WP3351-24	1/16" x 1/16" x 24"	2
WP3314-40	1/16" x 1/8" x 20"	2
WP3316-40	1/16" x 3/16" x 20"	6
WP3353-24	1/16" x 1/4" x 24"	5
WP3354-24	3/32" x 3/32" x 24"	2
WP3321-40	5/64" x 15/64" x 20"	4
WP3325-24	1/8" x 1/8" x 24"	4
WP3360-24	1/8" x 3/16" x 24"	1
WP3356-24	1/8" x 1/4" x 24"	2
WP3303-40	5/32" x 5/16" x 20"	2

## BASSWOOD BLOCKS

The bow and stern filler blocks, wing transom blocks, and quarter blocks shown on the plans must be cut from the following blocks.

WP3664-24	1/8" x 3/8" x 4"	1	Stern filler blocks
WP3643-24	1/4" x 1/4" x 4"	1	Wing transom blocks
WP3692-24	1/4" x 1" x 4"	1	Stern quarter blocks
WP3647-24	1" x 1" x 4"	1	Bow filler blocks

## **LASER-CUT WOOD PARTS**

Note: All Laser-cut wood is Basswood or Walnut as noted.

WP4620-A	<u>3/16" Thick</u>	<u>1</u>	Center keel Bulkheads A-B, N-R	1 part 7 parts (all different shapes)
WP4620-B	<u>3/16" Thick</u>	<u>1</u>	Bulkheads C-M	11 parts (all different shapes)
WP4602-C	<u>1/32" Thick</u>	<u>1</u>	Quarter deck sub-deck Cabin top sub-deck	1 part 1 part
WP4602-D	<u>1/32" Thick</u>	<u>1</u>	Main sub-deck	1 part
WP4316-E	<u>1/8" Thick Walnut</u>	<u>1</u>	Main deck waterway Forestay hearts Mast wedge/coat Boom jaws Pump handles	2 parts 2 parts 1 part 2 parts 2 parts

WP4613-F	<u>1/8" Thick</u>	<u>1</u>	
	Stern frames (center)		2 parts
	Stern frames (middle)		2 parts
	Stern frames (quarters)		2 parts
	Deck beams (at quarter deck)		3 parts
WP4313-G	<u>3/32" Thick Walnut</u>	<u>1</u>	
	Gaff jaws		2 parts
	Boom crutches		2 parts
	Steering wheel support		1 part
	Boom jaw rest		1 part
WP4312-H	<u>1/16" Thick Walnut</u>	<u>1</u>	
	Stern window frames (outboard)		2 parts
	Stern window frames (inboard)		2 parts
	Trestle tree cheeks (bibbs)		2 parts
	Cannon carriage cheeks		12 parts
	Cannon carriage trucks (small)		12 parts
	Cannon carriage trucks (large)		12 parts
Main rail		2 parts	
WP4314-I	<u>3/16" Thick Walnut</u>	<u>1</u>	
	Stem		1 part
	Keel		1 part
	Sternpost		1 part
	Rudder		1 part
	Catheads		2 parts

## PLANS AND INSTRUCTIONS

WP2160MB	Instruction Manual	1	
WPPL2160 -A	Plan, Sheet 1 of 7	1	Laser-Cut Wood Patterns
WPPL2160 -B	Plan, Sheet 2 of 7	1	Hull Framing and Planking
WPPL2160 -C	Plan, Sheet 3 of 7	1	Deck Plan, Profiles, and Deck Structures
WPPL2160 -D	Plan, Sheet 4 of 7	1	Mast & Spar Details, Sail Plan, & Belaying Plan
WPPL2160 -E	Plan, Sheet 5 of 7	1	Standing Rigging
WPPL2160 -F	Plan, Sheet 6 of 7	1	Running Rigging (1 of 2 Plans)
WPPL2160 -G	Plan, Sheet 7 of 7	1	Running Rigging (2 of 2 Plans)
WPPL2160	Parts List	1	

### Please note:

There is an error on the planking layout on sheet 2 of the plans. Belt C at station G and H should have only 3 planks, where the fore and aft view shows four at station H.

The profile view seems correct except at station P-Q, the arrow is pointing to the wrong line for the belt. The rest of the profile is ok.

On the right side of the fore and aft view all looks well. However, on the left side there is a foul-up with Belt C, the error is confined to belt C, station H back to about M.

For wales use 1/8" x 1/4" walnut WP3356

Chain plates are no longer available so WP40222sec is provided to make them.