

Pandora's Chest Construction			
Num	Description	Minutes	Notes
	<i>Legs</i>		
1	Plane (2) 2x4x8' flat on one side; glue up to make one 4x4x8'	30	
2	Cut Legs to 17-1/2"	10	
3	Plane Legs to 2-3/4" square	40	
4	Route dados & chisel dado ends square	65	
5	Route decorations using 1/4" Round-over w/bearing bit	20	optional
6	Putty; rough sand; route 1/8" roundover on exposed edges	60	
7	Drill 1/2" holes 1-1/4" deep; install wood inserts	25	
8	Finish sand	30	
	<i>Legs</i>	280	
	<i>Body (Mission Style)</i>		
1	Rip & cut 3/4" plywood for back, drawer face	20	
2	Rip & cut 1/2" plywood for front, sides	25	
3	Glue up back and front to Legs	45	
4	Trim excess glue	30	
5	Glue up sides	45	
6	Trim excess glue	30	
7	Rip & cut 20' trim; plane to 1/4"	40	
8	Cut trim to fit; glue up	90	
	<i>Body (Mission Style)</i>	325	
	<i>Body (Raised Panel Style)</i>		
1	Rip & cut 3/4" plywood for back, drawer face	20	
2	Rip 3" horizontal border (12')	15	
3	Cut borders & spacers to size	30	
4	Dado borders & spacers	30	
5	Rip & cut panels	30	
6	Route panel edges using raised panel bit	45	
7	Putty & finish sand borders, spacers, panels	60	
8	Basket join & glue up front	60	
9	Basket join & glue up sides	30	
10	Putty & sand	90	
11	Glue up back and front to Legs	30	
12	Trim excess glue	30	
13	Glue up sides	30	
14	Trim excess glue	30	
	<i>Body (Raised Panel Style)</i>	530	
	<i>Drawer and frame</i>		
1	Rip, plane and cut drawer pieces	60	
2	Route dados & chisel dado ends square	75	
3	Rip & cut drawer bottom	20	
4	Drill 3/4" hole for lock	10	
5	Glue up drawer	60	
6	Putty & sand	60	
7	Cut brace pieces, glue up	30	
8	Apply laminate	60	
9	Rip & cut frame pieces; dado slot for lock	20	

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Num	Description	Minutes	Notes
10	Drill 3/16" pilot holes; glue & screw frame; allow to set	60	
11	Mount frame in chest	45	
12	Glue & screw drawer mounts into frame	30	
13	Attach drawer slides, shim to fit	45	
14	Rip & cut chest bottom; glue in place	45	
15	Putty & sand	60	
16	Cut & plane lid support mounts	30	
17	Glue up	20	
18	Apply laminate (Mission Style)	15	
19	Putty & sand (Raised Panel Style)	20	
	<i>Drawer and frame</i>	765	
	<i>Top & Bolster brackets (armrests)</i>		
1	Cut 2 3/4" MDF to 43-1/2x17-1/2"	20	One piece will be used to squeeze the foam during the upholster step
2	Route mortise for Bolster Bracket	10	
3	Route mortise for hinge	10	
4	Drill 5/16" holes; insert 1/4-20 T-nuts	10	
5	Route 1/8" roundover	10	
6	Mark & cut metal for Bolster Brackets; drill holes	30	
7	Bend (use a heavy bench vise and hammer)	10	
8	Rip & cut wood armrest for upholstery; attach metal brackets to armrests	20	
9	Paint metal brackets	15	
	<i>Top</i>	135	
	<i>Receiver Block</i>		
1	Cut & plane 2x6; glue up	30	
2	Plane to 2-7/8"	30	
3	Route 7/8" slot	15	
4	Cut angles	20	
5	Rip & plane 1/2" add-on; glue up	25	
6	Trim add-on to block	20	
7	Route 1/8" roundover	15	
8	Drill pilot holes; screw in reinforcements	15	
9	Putty & sand	30	
10	Polish 1/2" pipe with coarse steel wool	60	
11	Drill 5/16" holes	60	extremely important to align holes down centerline
	<i>Receiver Block</i>	320	
	<i>Upholster Bolsters (armrest/kneeling pads)</i>		
1	Cut swim noodle into 3 15" pieces	5	
2	Set a 15" piece aside for the crossbar	0	

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3	Cut and remove a 1/2" section lengthwise on the remaining 2 pieces (this will slip over the wood armrests)	15	
4	Slip the noodles over the wooden armrests; wrap duct tape around each end and middle to secure noodle to wood	10	
5	Cut 2 pieces upholstery fabric to 20-3/8x28	30	Keep pattern flow in mind when laying out bolster, end pieces, and Top
6	Cut 4 end pieces 5" round	30	
7	Place alignments marks at each quarter of end pieces	15	Optional – helps in pattern matching
8	Mark or stay stitch an alignment circle, offset 1/2" inside the outer diameter	10	
9	Run a gather stitch down the long sides of the rectangular pieces	45	
10	Turn short ends of rectangular piece under an inch		
11	Pull gathering stitch and machine stitch both end pieces to rectangular piece (right sides together)	120	
12	Cut 2 pieces of batting 2-1/2 yds by 19"	30	
13	Wrap & fold batting around swim noodle. Start at bottom and wrap one turn; reverse at metal bracket and wrap next turn; repeat until all batting is wrapped and end meets at bottom	45	
14	Slip stitch batting together at bottom	30	
15	Slip casings on padded brackets; use excess batting to stuff ends	30	
16	Hand stitch casings, working around metal brackets	60	
	<i>Upholster Bolsters (armrest/kneeling pads)</i>	475	
	<i>Upholster Top</i>		
1	Cut upholstery foam to 43-1/2x17-1/2"; bevel edges	30	
2	Glue foam to top, allow to set	15	
3	Cut fabric to 54x28" (rough – you'll trim to fit later)	30	Keep pattern flow in mind when laying out bolster, end pieces, and Top
4	Carefully lay the fabric over the foam	10	
5	Lay the "squeeze board" (2 nd top from above) over the fabric; use at least 6 clamps to compress the foam to about ½ its original thickness	15	

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6	Trim the fabric back to about 3/4" overlap below the bottom edge of the Top	20	
7	Staple the fabric to the edge of the Top, rolling the excess fabric under as you go; tuck the corners in a bedsheet fold. Use lots of staples and keep the in a straight line down the centerline of edge	60	
8	Release the clamps and set the squeeze board aside	5	
9	Apply the nail trim to hide the staples	30	
	<i>Upholster Top</i>	215	
	<i>Finish</i>		
1	Tape	60	
2	Stain	60	
3	Polyurethane, 1st coat	120	
4	Sand with 0000 steel wool	45	
5	Polyurethane, 2nd coat	120	
6	Final assembly	45	
	<i>Finish</i>	450	
	Total Elapsed Time - Mission Style (hours)	49.4	
	Total Elapsed Time - Raised Panel Style (hours)	52.8	