

La Chatte Bill of Materials

The following list of materials is intended to be a general guide only. Before ordering any materials, the text and plans should be checked for possible options. All lumber listed as 1" stock is to be standard "lumberyard four-quarter" material which when finished may vary to somewhat less or slightly more than 3/4" in thickness. All widths are NET and all lengths allow for cutting to fit. Grouping lumber and purchasing random-random material to resaw to the required size will result in considerable savings. All lumber used should be first grade free from shakes and knots. Although spruce (Sitka variety) and mahogany (dark red Philippine type) are called out in the listing, lumber typical to the locale and of similar types and weights may be substituted. All plywood (PW) is to be marine (MAR) or exterior (EXT) grade. The marine-type is preferable as the inner cores are solid and thus the panel has more structural integrity. Douglas-fir (DF) is satisfactory with the quality of the exposed faces of the veneer being designated by the letters "A" or "B". The "AA" grade panels are always preferable, however, "AB" grade is acceptable. All plywood should be a minimum of three plies. All fastenings should be bronze or hot dipped galvanized ferrous metal. Brass fastenings are not advised nor are the electroplated screws commonly sold in hardware stores. All screws are to be of the flat head type intended for wood. All nails are of the ring-type nail common to boat construction. Unless otherwise specified, all wood-to-wood joints are to be glued with a waterproof or highly water resistant glue such as plastic resin, resorcinol, epoxy, or other equivalent type used per the manufacturer's instructions regarding temperature, clamping requirements, curing time, and mixing method.

ABBREVIATIONS: Sitka spruce=SP, Douglas-fir=DF, Mahogany=Mahog, Plywood=PW, Marine plywood=MAR

ITEM	MATERIAL	NO. PCs.	SIZE
LUMBER:			
*Bulkhead, transom, daggerboard trunk frames & bolting beam & knees	SP or Mahog		See layout of full sized patterns

*Bulkhead top cleat	Mahog	1	1-1/4" x 1-1/2" x 12'
*Cockpit tray sides	SP or Mahog	2	1" x 4" x 6'
*Cockpit tray splash shield	Mahog	1	1/2" or 1" x 8" x 8'
*Cockpit tray back	SP or Mahog	1	1" x 4" x 8'
Cockpit tray side cleats	SP or Mahog	2	1" x 1-1/2" x 6'
Cockpit tray back cleats	SP or Mahog	1	1" x 3-1/2" x 8'
Splash shield cleat	SP or Mahog	1	1" x 2-1/2" x 8'
Cockpit tray support battens	SP or Mahog	2	1" x 2" x 6'
*Mast support beam upright	Mahog	1	1" x 6" x 8'
Mast support beam base	SP or Mahog	1	1" x 4" x 8'
Mast support beam top	SP or Mahog	1	1/2" x 4" x 8'
*Daggerboards	Mahog	2	1" x 12" x 4'

Tiller arm tie	Mahog	1	5/8" x 1-1/4" x 6'
*Tiller arms	Mahog	2	1" x 2" x 27"
Misc. blocking	SP or Mahog	AS REQUIRED	
Sheer clamps & ribbands	SP or Mahog	12	1" x 1" x 16'
Keel laminations	SP or Mahog	4	1" x 3" x 15'
PLYWOOD:			
*Rudders & stem laminations	DF PW EXT AB	1	1/2" x 4' x 4'
*Bulkheads, transom & dagger- board trunk sides	DF PW EXT AB	1	1/4" x 4' x 8'
Planking	DF PW MAR AA	2	3/16" or 1/4" x 4' x 16' (or 4 sheets 4' x 8')
Decking & cockpit tray bottom	DF PW EXT AB	3	1/4" x 4' x 8'
*These items not required with purchase of frame kit.			
FASTENINGS:			
<ul style="list-style-type: none"> • SCREWS: Flat head wood type, bronze or hot dipped galvanized iron. 			

- 1" #8 Screws - 7 gross
- 1-1/2" #8 Screws - 3 gross

- NAILS: Ring type, Bronze or Monel
- 1" #12= 6 pounds

- CARRIAGE BOLTS: Bronze or hot dipped galvanized
- 1/4" x 5" - 4 required

GLUE: Epoxy - Approximately 1 gallon