

SNEAK BOX 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 used are: Mah = mahogany; Sp = spruce; DF = Douglas-fir; EXT = Exterior.

ITEM	MATERIAL	NO. PCS	SIZE
LUMBER:			
Frames & Transom	Mah or Sp	----	1"x6"x37 Lin ft.
Bow Piece	Mah or Sp	1	1-1/4" x 8" x 3'
Chines	Mah or Sp	2	1" x 1" x 13'
Sheers	Mah or Sp	2	1" x 1" x 13'
Keel	Mah or Sp	1	1" x 3" x 13'
Bottom Battens	Mah or Sp	2	1" x 2" x 10'
		2	1" x 2" x 11'

Aft strongback	Mah or Sp	1	1" x 1-1/2" x 5'-6"
Forward Strongback	Mah or Sp	1	1" x 1-1/2" x 5'
Forward Deck Batten	Mah or Sp	2	1" x 1" x 4'
Aft Deck Battens	Mah or Sp	2	1" x 1-1/2" x 5'-6"
Side Deck Battens	Mah or Sp	2	1" x 1" x 10'
Transom Brackets & Wedges	Mah or Sp	1	1-1/4" x 4" x 1'-3"
Carling	Mah or Sp	2	1" x 3" x 5'
Coaming (Makes sides & ends)	Mah or Sp	2	1/2" Net or 1" x 5" x 7'
Skeg	Mah or Sp	1	1' x 3" x 3'

PLYWOOD:

Frames, Transom, Knees, Motorboard, etc.	Ext AB, DF	1	1/4" x 4' x 8'
Bottom & Side Planking & Butt blocks	AA or AB, DF	3	1/4" x 4' x 8'
Decking	Ext AB, DF	2	1/4" x 4' x 8'

ADDITIONAL ITEMS - SAILING VERSION ONLY:

LUMBER:

Rudder & Daggerboard	Mah	1	1" x 11" x 7'
Tiller & Daggerboard Cap	Mah	1	1" x 3" x 5'
Daggerboard bed logs & cleats	Mah	1	1" x 3" x 2'-6"
Daggerboard inner cleats	Mah	1	1" net x 1-1/2" x 3"
Mast Collar	DF or Mah	1	2" x 2-1/2" x 14"
Mast	Sp	3	1" x 2-1/4" x 9'
Boom	Sp	1	1" x 2" x 10'
		1	1" x 1-1/4" x 10'
Sprit	Sp	2	1" x 1-1/2" x 9'

FASTENINGS:

- SCREWS: Flat head wood type, bronze or hot dipped galvanized iron.
- 3/4" #8 Screws - 1 gross
- 7/8" #8 Screws - 4 gross
- 1-1/4" #8 Screws - 3 dozen
- 1-1/2" #8 Screws - 2 gross

- 2" #10 - 1 dozen

- NAILS: Ring type, Bronze or Monel
- 3/4" #14= 1 pound
- 1" #12= 1 pound

- CARRIAGE BOLTS: Bronze or hot dipped galvanized
- 5/16" x 3-1/2" - 4 required
- 5/16" x 6" - 4 required
- (Additional for Sailing Model only)
- 1/4" x 5" - 5 required
- 5/16" x 6" - 5 required

GLUE: Epoxy - Approximately 1/2 gallon