

Little Hunk 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, unless specified as NET. 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 oak (white oak), Douglas-fir, and mahogany (dark red Philippine or Honduras) 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.

CHECK ALL SIZES TO THE WORK PRIOR TO CUTTING. Abbreviations used are: Mahog = mahogany; DF = Douglas-fir; PW=plywood; Ext=exterior; MAR=marine.

ITEM	MATERIAL	NO. PCS.	SIZE
LUMBER:			
Framing	Mahog, DF or Oak	10	1" x 3" x 7'
		1	1" x 3" x 8'
		8	1" x 4" x 5'
		2	1" x 4" x 4'
		1	1" x 4" x 2'
Chine logs	Mahog, DF or Oak	2	1" x 1-1/2" x 16'
Outboard sheer clamps	Mahog, DF or Oak	2	1" x 1-1/2" x 20'

Keel	Mahog, DF or Oak	1	1" x 3" x 12'
Inner bottom battens	Mahog, DF or Oak	2 2	1" x 2-1/2" x 11' 1" x 2-1/2" x 12'
Outer bottom battens	Mahog, DF, Oak or Teak	2	1" x 3" x 14'
Inboard sheer clamps	Mahog, DF or Oak	2	1" x 1-1/2" x 19'
Spray rails	Mahog, DF, Oak or Teak	2	1" x 1-1/2" x 16'
Rub rails	Mahog, DF, Oak or Teak	2	1" x 1-1/2" x 20'
Guards	Mahog, DF, Oak or Teak	2	1" x 1-1/2" x 18'
Stem cap	Mahog, DF, Oak or Teak	1	1" x 1" x 4'
Transom cap	Mahog, Oak or Teak	1	1" x 2-1/2" x 8'
Sheer cap	Mahog, Oak or Teak	1" stock sawn to shape from widths to suit	
Transom upright blocking	Mahog, DF or Oak	2	1" x 3" x 2'
Frame blocking (motor well)	Mahog, DF or Oak	2	1" x 2" x 2'
Shaped blocking (motor well)	Mahog, DF or Oak	2	1" x 7" x 2'
Filler blocking (motor well)	Mahog, DF or Oak	1	1" x 3" x 2'
Motor well top cleats	Mahog, DF or Oak	2	1" x 2" x 4'
Bevelled blocking (motor well)	Mahog, DF or Oak	1	1" x 3" x 2'
Clamping board (motor well)	Mahog, DF or Oak	1	1" x 6" x 2'

PLYWOOD:

Transom, stem, knee, breasthook	DF Ext AB	2	3/4" x 4' x 8'
Frame gussets & motor well	DF Ext AB	2	3/8" x 4' x 8'
Planking and butt blocks (*)	DF Ext or MAR AA or AB	7	3/8" x 4' x 8'

(*) 1/2" plywood may be used on bottom planking optionally.

FASTENINGS:

Screws: Flathead wood type, bronze or hot dipped galvanized

- 3/4" or 7/8" #8 (**) - 3 gross
- 1" #8 - 6 gross

- 1-1/4" #8 - 2 gross
- 1-1/2" #8 - 3 gross
- 2" #10 - 2 gross

(**) Protruding points of 7/8" screws used on butt blocks can be ground off with file or sander.

Nails: Ring type boat nails, bronze or Monel

- 1-1/4" - 2 pounds

Carriage Bolts: Bronze or hot dipped galvanized complete with nuts and washers. Check lengths to work.

- 5/16" - 24 required

Glue: Epoxy - 2 gallon