

Super Huck 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.

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

ITEM	MATERIAL	SIZE	NO. PCS: 24'	28'	32'
LUMBER:					
Transom bottom frames	Mahog or DF	1" x 3-1/2"	6 LF	6 LF	6 LF
Bulkhead & transom framing	Mahog or DF	1" x 3"	62 LF	74 LF	86 LF
Top cleats	Mahog or DF	2" x 2-1/4" net	40 LF	48 LF	56 LF
Bow spreaders	Mahog or DF	1" x 2-1/2"	3 LF	3 LF	3 LF
Bow spreader uprights	Mahog or DF	1" x 2"	3 LF	3 LF	3 LF
Stem (see patt. for options)	Mahog or DF	2" x 8"	6 LF	6 LF	6 LF
Keels	Mahog or DF	1" x 3"	4@22'	4@26'	4@30'

Chine logs	Mahog or DF	1" net x 1-1/2"	4@24'	4@28'	4@32'
Side battens	Mahog or DF	1" x 1-1/2"	4@24'	4@28'	4@32'
Sheer clamps	Mahog or DF	5/8" net x 1-1/2"	8@24'	8@28'	8@32'
Deck unit beams (8' version)	Mahog or DF	2" x 4"	11@8'	13@8'	15@8'
Deck unit beams (10' version)	Mahog or DF	2" x 6"	11@10'	13@10'	15@10'
Deck unit side beams	Mahog or DF	2" x 4" or 6"	2@20'	2@24'	2@28'

PLYWOOD: DF AA or AB Ext or MAR

1/2" x 4' x 8'	12	9	6
1/2" x 4' x 10'*	2	6	7
1/2" x 4' x 12'*	--	--	3
3/4" x 4' x 8' (8' beam versions)	5	6	7
3/4" x 4' x 10'* (10' beam versions)	5	6	7

* Can substitute 4' x 8' sheets, adjust quantities accordingly.

FASTENINGS:

Screws: Flathead wood type, bronze or hot dipped galvanized

1" #8	6 gross	6 gross	6 gross
1-1/4" #8	10 gross	12 gross	14 gross
1-1/2" #8	2 gross	2 gross	2 gross
2" #10	2 gross	2 gross	2 gross
3" #14	1 doz	1 doz	1 doz

Nails(*): Ring type boat nails, bronze, stainless steel or Monel

1-1/4"	7 lbs	8 lbs	9 lbs
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(*Does not include nails used on deck unit panels - to be purchased locally. See Fastening Schedule

Glue: Epoxy 1 to 4 gallons