

Sissy-Do Bill of Materials

The following material listing is intended as a general guide only, and should not be used to purchase materials until a careful check is made to the drawings, text, or work for possible deviations and options. All lumber listed as 1" is "four quarters" which usually finishes out to 3/4". Commonly used boat building lumbers include Mahogany (Mahog) and Sitka spruce (SP), listed below. Other suitable lumbers can be substituted at the builders discretion, these could include: clear Douglas-fir, white oak, and clear long-leaf yellow pine. All lumber should be select, not construction grade.

ITEM	MATERIAL	NO. PCS.	SIZE
SEAT FRAME -side members	Mahog or SP	2	1" x 3 1/2" x 19"
SEAT FRAME -bottom member	Mahog or SP	1	1" x 2 1/4" x 50"
TRANSOM FRAME -side members	Mahog or SP	2	1" x 2 1/4" x 16"
TRANSOM FRAME -bottom member	Mahog or SP	1	1" x 2" x 44"
TRANSOM FRAME -seat brace	Mahog or SP	1	1" x 1 1/2" x 46"
CHINE LOG	Mahog or SP	2	1" x 2" x 14'
SHEER CLAMP- inner	Mahog or SP	2	1" x 1 1/2" x 14'
BUMPER RAIL	Oak or Mahog	2	1" x 1 1/2" x 14'
KEEL	Mahog or SP	1	1" x 3" x 11'
BATTENS	Mahog or SP	2	1" x 3" x 7'
		2	1" x 3" x 9'
		2	1" x 3" x 10'
SKEG	Oak or Mahog	1	1" x 2" x 11'
BLOCKING and BRACES: Any scrap lumber as required			
PLYWOOD			
STEM, TRANSOM, BREASTHOOK AND SEATS	D. F. exterior plywood grade AB	1	3/4" x 4' x 6'
SIDE PLANKING	D. F. exterior plywood grade AA or AB	2	1/4" x 4' x 8' (or 1- 1/4" 1 4' x 14')

BOTTOM PLANKING	D. F. exterior plywood grade AA or AB	2	3/8" x 4' x 8' (or 1 - 3/8" x 4' x 14')
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FASTENINGS: All screws are to be flat headed type; hot dipped galvanized being satisfactory. Carriage bolts to be complete with nut and washer.

SCREWS:

- 3/4" #8 - 1 1/2 Gross (18 doz.)
- 1" #8 - 3 Gross
- 1 1/4" #8 - 2 Gross
- 2" #10 - 5 Dozen

CARRIAGE BOLTS: 1/4" x 3 1/2" - 2 required

GLUE: Hard-setting waterproof or highly water-resistant glue such as epoxy or plastic resin. - 1/2 gal.