

Glen-L 10 Bill of Materials

The following list of materials should be checked to the text for possible options. The grouping of all lumber and resawing to size will result in a considerable savings. All lumber listed as 1/2" and 3/4" in thickness is net. All lumber listed as 1-1/4" is standard "five quarter" lumber yard stock finished as full as possible. All widths unless noted otherwise, are net. All lengths allow for cutting to fit. Mahogany refers to the dark red Philippine variety, while spruce refers to the vertical grain Sitka type. All plywood must be exterior or marine grade. Abbreviations used in the following material listing are: PW = plywood; Mahog = dark red Philippine mahogany; SP = Sitka spruce; DF = Douglas-fir; EXT = exterior.

ITEM	MATERIAL	NO. PCs.	SIZE
LUMBER:			
Deck beams for transom, #1, #2, #3 & Transom and #1 bottom members	SP or Mahog	1	1/2" x 6" x 11'
Side Frame members; All frames plus centerboard caps	SP or Mahog	1	1/2" x 1" x 6'
Chine log	SP or Mahog	2	1/2" x 1-1/8" x 10'
Sheer Clamp	SP or Mahog	2	1/2" x 1" x 10'
Aft strongback	SP or Mahog	1	1/2" x 1-1/4" x 2'

Bottom battens	SP or Mahog	2 2 2	1/2" x 1-1/2" x 8' 1/2" x 1-1/2" x 7'-6" 1/2" x 1-1/2" x 6'-6"
Keel	SP or Mahog	1	3/4" x 3" x 8'
Carling	SP	2	1/2" x 1-1/2" x 4'-6"
Deck battens	SP	2	1/2" x 1-1/4" x 5'
Stem, bow piece & daggerboard trunk uprights	SP or Mahog	1	3/4" x 6" x 8'
Strongback, upright & bed logs	SP or Mahog	1	3/4" x 1-1/2" x 7'
Rudder & daggerboard	Mahog	1	3/4" x 12" x 7'
Tiller arm	Mahog	1	3/4" x 1-1/4" x 3'
Mast	SP	2	1-1/4" x 2-3/4" x 18' **
Boom	SP	1	1-1/4" x 2" x 8'- 6" **

* Refers to "Lumber yard" width of 6" minimum not less than 5-1/2"

**Refers to "five quarter" stock finished as full as possible

PLYWOOD:

Side Planking, transom frame gussets-see layout	Ext AB DF PW	1	1/8" x 4' x 8'
Decking	Ext AB DF PW	1	1/8" x 4' x 8'
Bottom planking	Ext AB DF PW	1 1	1/4" x 4' x 8' 1/4" x 4' x 4'

FASTENINGS:

SCREWS refers to flat head wood type in hot tipped galvanized or silicon bronze.

- 3/4" #8 Screws - 2 gross
- 1" #8 Screws - 6 dozen
- 1-1/4" #8 Screws - 6 dozen
- 1-1/2" #8 Screws - 2 dozen
- 2" #10 - 4 only

NAILS: Ring type, Bronze or Monel

- 3/4" = 1 pound
- 1" = 1/2 pound

GLUE: Epoxy - Approximately 1 quart