

BUILDING THE GLEN-L "PADDLE-WHEELER"

PADDLE-WHEELER BILL OF MATERIALS

DO NOT PURCHASE ANY MATERIAL UNTIL YOU READ THIS SECTION.

LUMBER: Almost any good grade of lumber is adaptable in this type of craft. The wood should be knot free (small solid ones are permissible), properly dried, and free of splits. Lumber designated as 1" is "four quarters" lumberyard stock, usually finished to ¾" net thickness; 2" x 4" stock is lumberyard size and is about 1 ½" x 3 ½" net size. All 1" stock widths are NET and the noted lengths allow for cutting to fit. E.g: Lumber listed as 1" x 2" will be ¾" x 2" net size; while that listed 1" x 1" would net ¾" x 1". Both would preferably be ripped from standard 1" lumberyard stock. NOTE: The types of lumber listed are preferable; spruce for lightweight and mahogany for appearance. As stated in the prologue, other species can be substituted. Although the sizes are noted individually, it is best to group the lumber, purchase "random/random" (varying widths and lengths) lumberyard stock, and rip and trim to the required sizes. CHECK ALL SIZES TO THE WORK PRIOR TO CUTTING. Abbreviations used are: Mahog = mahogany: Sp = spruce: DF = Douglas-fir.

ITEM	MATERIAL	NO.	PCS	SIZE
Sheer, inner & outer	Mahog	4		1" x 1 1/4" x 8'
Transom cap, inner & outer	Mahog	2		1" x 1 1/4" x 3' 10"
Bow cap, inner & outer	Mahog	2		1" x 1 1/4" x 2'
Battens				
@ Centerline	Mahog	1		1" x 2" x 7'
Closest to chine	Mahog	2		1" x 2" x 5' 6"
Midpoint between above two	Mahog	2		1" x 2" x 6' 6"
Bearing base, per pattern	DF.	1		2" x 4" x 20" makes all
Crank	Mahog.	1		1" x 5" x 18" makes two
Paddle cleats	Sp	12		1" x ¾" x 6"
Skeg	Mahog	1		1" x 1" x 8'

PLYWOOD: All plywood must be intended for marine or exterior use. Interior grades are NOT acceptable. The letters "A", "B", and "C" identify the grade of the exterior veneer of plywood panels. The best face of all panels should be the one exposed. Any patches on lower grade veneers should be on the interior. Check the PLYWOOD LAYOUT on the Full Size Pattern sheet 1 of 1 and these instructions for utilizing the listed plywood to obtain the various parts. Abbreviations used are: DF = Douglas-fir: Mahog = Mahogany: PW = plywood; Ext = exterior; Mar = marine.

ITEM	DESCRIPTION	NUMBER	SIZE
Per "PLYWOOD LAYOUT"	Mar. or Ext. DF, AA or AB	2	¼" x 4' x 8'