Boat 055- Approx Timber Cutting List

Solid timber – African Mahogany (Khaya), Brazilian Mahogany, Douglas Fir and many other timbers are suitable. Use clean (free of large or loose knots), straight grained and dry timber at 12% moisture content or less. 3mm laminates can be Khaya or Douglas Fir or similar. Ply should be WBP minimum, good quality.

1	3000 x 200 x 20	Thwarts
2	4900 x 50 x 25	Keel
1	2000 x 25 x 50	Keel
1	1500 x 25 x 50	Keel
1	1000 x 25 x 50	Keel
1	750 x 25 x 50	Keel
1	500 x 25 x50	Keel
1	4900 x 120 x 25	Hog
2	1500 x 30 x 12	Foredeck stringers
8	3000 x 30 x 12	Carlings, sidedeck stringers, foredeck stringers, aft deck stringers
4	3000 x 50 x 12	Shelf
2	3750 x 60 x 12	Side deck upstand
1	1000 x 120 x 12	Aft deck upstand
1	1000 x 50 x 25	Mast step
1	500 x 25 x 40	Centreboard case post
1	350 x 25 x 40	Centreboard case post
1	1100 x 25 x 40	Centreboard case blocking
1	1000 x 45 x 10	Centreboard case capping
2	800 x 30 x 15	Centreboard case fwd stiffeners
2	2000 x 100 x 15	Centreboard case swell pieces
1	150 x 75 x 25	Chock
1	600 x 40 x 15	Stern post
1	350 x 100 x 40	Stern knee
	10m x 12 x 20	Sole bearers
	20m x 12 x 12	Cleating

1	1300 x 150 x 15	Transom beam - but you could more economically make this from two pieces of 9mm ply (or three pieces of 6mm ply).
1	1200 x 15 x 20	Foredeck trim
2	750 x 100 x 20	Foredeck wash coamings
1	850 x 60 x 60	Sampson post
2	3500 x 15 x 20	Side bench nosings
8	1500 x 3 x 60	Apron lamination
8	1600 x 3 x 100	Inner stem lamination
16	1400 x 3 x 50	Stem lamination
4	sheets 9mm ply	Planking
2	sheets 6mm ply	Decking
1	sheet 9mm ply	Transom
1	sheet 9mm ply	Centrecase

Laminated frames (6) will need about 140m of 3mm laminate 20mm wide. Say about 35m x 100mm wide. 2.5m to 3m lengths are the most economical

Notes:

1. Floorboards, spars and the centreboard (aluminium) are not included in this list.

2. Most items are listed separately so the purpose is clear. When buying, items can be grouped together to come out of available stock.