

1 Canoe Design Report

This report is automatically generated by the Canoe Design Program at 2023-01-20 01:05:55.375701

The Design Serial Number is: *121123*

The data specification of Canoe and calculation process are shown below:

1.1 Canoe Scale Specification

Canoe Total Length: 193.5 Inch

1.1.1 Front Section

Canoe Length	36.75 Inch
Canoe Width	25.5 Inch
Canoe Depth	12.75 Inch
Cross-Section Shape factor	10.0
Length-to-Width Shape factor	0.95
Length-to-Depth Shape factor	0.25

1.1.2 Middle Section

Canoe Length	120.75 Inch
Canoe Width	25.5 Inch
Canoe Depth	12.75 Inch
Cross-Section Shape factor	10.0
Length-to-Width Shape factor	0.0
Length-to-Depth Shape factor	0.0

1.1.3 Back Section

Canoe Length	36.75 Inch
Canoe Width	25.5 Inch
Canoe Depth	12.75 Inch
Cross-Section Shape factor	10.0
Length-to-Width Shape factor	0.25
Length-to-Depth Shape factor	0.25

1.1.4 Other Specs

Concrete Density	115.0
Concrete Thickness	0.75 Cubic Feet/lb
Crew Weight	600.0 Inch

1.2 Canoe Data Specification

Canoe Volume	500 Cubic Inch
Canoe Buoyancy	1000.0 N
Canoe Weight	2000.0 lb
Canoe Flow Test Boolean	True
Canoe Submerge Test Boolean	False