

# Outboard or Non-powered Boat Capacity Application

(For boats less than 26 feet)

## Model Number

(Assigned by NMMA)

--	--	--	--	--	--	--	--

Company: \_\_\_\_\_

Model Year: \_\_\_\_\_

Address: \_\_\_\_\_

Model Name for Capacity Plates (max. 15 spaces): 

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Complete Model Name (if different): 

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## Part 1: Affidavit

The applicant hereby certifies and assumes responsibility for the proper location and accuracy of all measurements, and the completeness and accuracy of all other representations in accordance with the instructions contained herein.

Date of application: \_\_\_\_\_ Signed: \_\_\_\_\_

## Part 2: Boat Specifications

- |                                                                                      |                                   |                                     |
|--------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------|
| Is this boat a:                                                                      | <input type="checkbox"/> Sailboat | <input type="checkbox"/> Catamaran* |
|                                                                                      | <input type="checkbox"/> Canoe    | <input type="checkbox"/> Kayak      |
| *NOTE: Catamarans must submit the "Catamaran Capacity Supplement" in lieu of Part 6. |                                   |                                     |
| For use with outboard motors?                                                        | <input type="checkbox"/> Yes      | <input type="checkbox"/> No         |
| Designed or intended for use with twin O/B motors?                                   | <input type="checkbox"/> Yes      | <input type="checkbox"/> No         |
| Dual rated?                                                                          | <input type="checkbox"/> Yes      | <input type="checkbox"/> No         |

Which of the following is installed as standard equipment:

- |                                      |                                            |                                 |
|--------------------------------------|--------------------------------------------|---------------------------------|
| <input type="checkbox"/> Bilge Pump  | <input type="checkbox"/> Steering system   | <input type="checkbox"/> Blower |
| <input type="checkbox"/> Fuel System | <input type="checkbox"/> Navigation Lights | <input type="checkbox"/> Horns  |

Bottom contour:

- |                            |                                   |                                   |                                 |                                      |
|----------------------------|-----------------------------------|-----------------------------------|---------------------------------|--------------------------------------|
| <input type="checkbox"/> V | <input type="checkbox"/> Flat/Jon | <input type="checkbox"/> Tri-hull | <input type="checkbox"/> Semi-V | <input type="checkbox"/> Round Bilge |
|----------------------------|-----------------------------------|-----------------------------------|---------------------------------|--------------------------------------|

\*NOTE: Flat/Jon Boats must submit the "Jon Boat Capacity Supplement" in lieu of Part 6.

## Hull Dimensions

Overall Length 

--	--

 ft. 

--	--	--

.

--	--

 in.

Overall Stern Width 

--	--

 ft. 

--	--	--

.

--	--

 in.

Transom height at boat's centerline 

--	--	--

.

--	--

 in.

Weight of finished boat 

--	--	--	--

 lbs.

Boat weight shall include heaviest production tolerances and all permanently attached, non-portable appurtenances, which are factory supplied with this model. **Do not include motor or fuel weight.**

Hull Material

- |                                     |                                   |                                |
|-------------------------------------|-----------------------------------|--------------------------------|
| <input type="checkbox"/> Fiberglass | <input type="checkbox"/> Aluminum | <input type="checkbox"/> Other |
|-------------------------------------|-----------------------------------|--------------------------------|

Maximum standard or optional fuel tank capacity 

--	--	--	--

 gals.

## Part 3: Requested Capacities (Required)

Requested maximum persons capacity (may require confirmation by stability tests)

Number of passengers 

--	--

--	--	--	--

 lbs.

Requested maximum weight capacity 

--	--	--	--

 lbs.

Requested maximum horsepower capacity 

--	--	--

 hp

Horsepower for Dual-Rated Boats  
(If applicable) 

--	--	--

 hp  
(hp without remote steering)

Maneuvering Speed 

--	--	--

 mph

Passes test at full power 

--

Maximum speed less than 30-mph 

--

## Part 4 – Persons Capacity Test Report

Required for outboard boats over 2-hp with less than 550-lbs. persons capacity or outboard boats with upper decks for persons

**For test procedure, reference ABYC H-5;  
Test Report verified during inspection**

Test date 

--	--	--	--	--	--	--	--

 / 

--	--	--	--

 / 

--	--	--	--

Stability test load = 

--	--	--	--

 lbs

Fly bridge or upper deck stability test load = 

--	--	--	--

 lbs  
(If applicable)

Minimum freeboard = 

--	--	--

.

--	--

 inches

Note: Required maximum persons capacity in Part 3 of this application must be verified for boats applicable to Part 4 of this application.

## Part 5 – Flotation

Indicate below the flotation standard this boat is to be rated under.

Level     None

Buoyancy of flotation material      .  lbs. per cu. ft.

All O/B boats under 20-ft. must be rated under the Level Standard.

If this boat is more than 20-ft. and not to be rated for flotation,  
do NOT complete the remainder of Part V.

### Indicate the actual amounts of flotation installed in the boat

Total amount      .  cu. ft.

In the table below, break down the hull and deck into the component materials, by weight: (Optional if level flotation test report submitted)  
DO NOT include foam as a component material.

	Hull Include everything below swamped waterline	Deck Include everything above swamped waterline	
Fiberglass	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	The sum of these weights PLUS the weight of the flotation material MUST equal the Weight of the Finished Boat on page 1
Aluminum	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	
Fir Plywood (or pine)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	See Table 1 on page 2 for conversion factor
Hardware: (Include Empty Fuel System Weight)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs.	
Other: (Specify Material)	<hr/> <hr/> <hr/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs. <input type="checkbox"/> <input type="checkbox"/> . <input type="checkbox"/> <input type="checkbox"/> lbs. ± Circle the proper sign	<hr/> <hr/> <hr/>
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs. <input type="checkbox"/> <input type="checkbox"/> . <input type="checkbox"/> <input type="checkbox"/> lbs. ± Circle the proper sign	
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> lbs. <input type="checkbox"/> <input type="checkbox"/> . <input type="checkbox"/> <input type="checkbox"/> lbs. ± Circle the proper sign	

## Definitions for Part 6:

**Static Float Plane** — the plane below all points of major leakage and the most forward point of the boat (including trim) below which the maximum displacement of the boat exists. Other definitions of the Static Float Plane acceptable to the U.S. Coast Guard may be used if that definition and evidence of acceptance is supplied.

**Calculation Length** — is the horizontal length from the most forward part of the boat below the static float plane to the vertical midpoint of the transom below the static float plane.

**Transverse Sections (AA, A, B, C and D)** — are established at the quarter lengths and at the midpoint of forward quarter length which, except for the transom, are perpendicular to the static float plane.

**Vertical Depth (a, b, c, d, e and f)** — are established below the static float plane in each transverse section at five equidistant intervals between the boat longitudinal centerline and the extreme section width existing below the static float plane.

**Measurements** — are taken to the outside of the hull and recorded in inches with decimal equivalents for fractions, as from the table below.

Fractions to Decimal			
1/8 inch = 0.12	3/8 inch = 0.37	5/8 inch = 0.63	7/8 inch = 0.88
1/4 inch = 0.25	1/2 inch = 0.5	3/4 inch = 0.75	

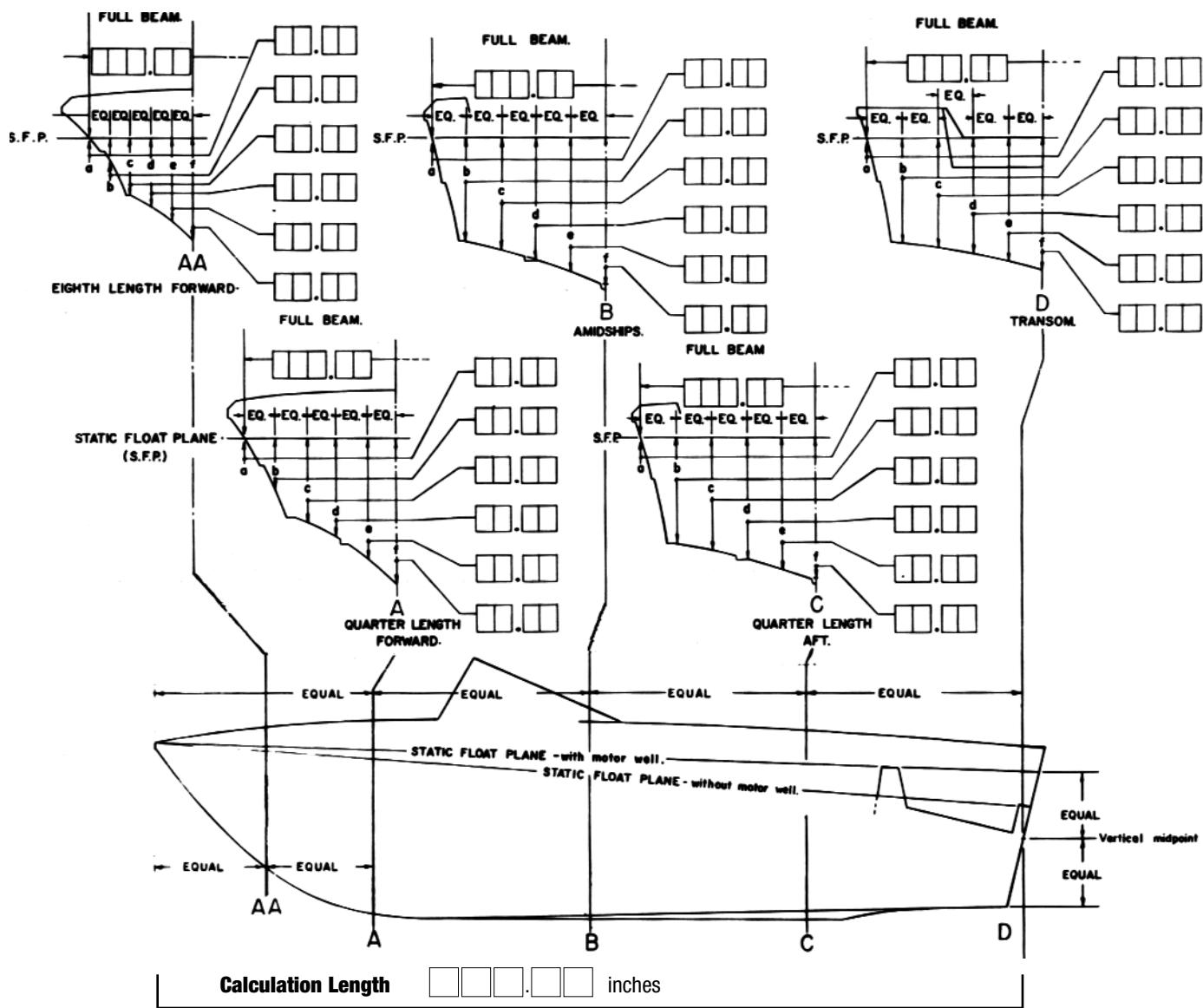
**Level Flotation Test Report**  
(NMMA use only)

### Required if Level Box checked

For boat	<input type="checkbox"/> <input type="checkbox"/> . <input type="checkbox"/> cu. ft.
Symmetrical about midpoint	
For engine	<input type="checkbox"/> <input type="checkbox"/> . <input type="checkbox"/> cu. ft.
Symmetrical at transom	
For persons	<input type="checkbox"/> <input type="checkbox"/> . <input type="checkbox"/> cu. ft.
Symmetrical at sides	

## Part 6: Boat Capacity Data

### Option 1



Motor Well and "Extra Volume" — If the static float plane is above the boat's transom motor cut-out, the volume within the motor well which is below the static float plane must be subtracted.

Volume of integral structure aft of the transom below the static float plane may be added to the cubic capacity.

### Option 2: Other definitions of Static Float Plane

Capacity in cubic feet  . . .