

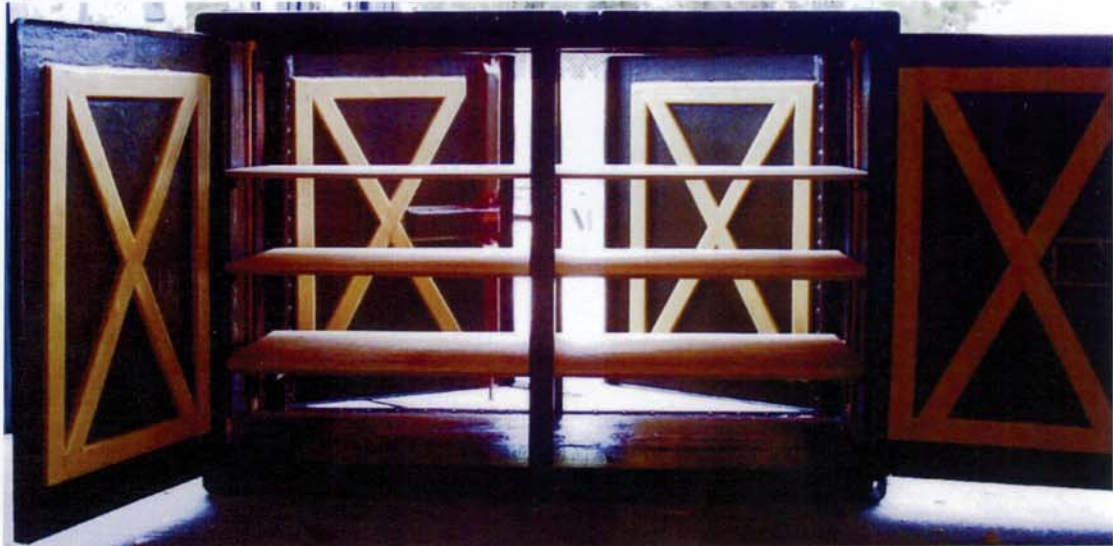
# **TANKINETICS**

***Mobility Containers  
Specialty FRP Equipment***

60 Years of Engineered FRP Products

Meets all Military Specifications  
Sole Source Provider  
CAGE 8Z037

MADE IN THE USA



### DIMENSIONS AND CAPACITIES

The Tankinetics Modular Mobility Containers are available in four (4) sizes and capacities:

Part Number National Stock Number	Container Size W x D x H	Tare Weight	Max Gross Weight
305341-1 8145-01-118-9873	84" x 42" x 60" 2.13 x 1.97 x 1.52m	540 lbs. 245 kg.	2,700 lbs. 1,225 kg.
305342-1 8145-01-118-9872	84" x 42" x 30" 2.13 x 1.07 x 7.62m	370 lbs. 168 kg.	1,300 lbs. 590 kg.
305343-1 8145-01-118-9884	62" x 42" x 60" 1.57 x 1.07 x 1.52m	450 lbs. 204 kg.	2,000 lbs. 907 kg.
305344-1 8145-01-118-9874	62" x 42" x 30" 1.57 x 1.07 x 7.72m	315 lbs. 143 kg.	1,000 lbs. 454 kg.



# **TANKINETICS** *means* **MOBILITY**



**Field-proven modular fiberglass Mobility Containers are designed for Rapid Deployment of tools, spare parts, and supplies. They are designed to stack and fit on standard Military Cargo Pallets (463L) used in military transport aircraft.**

**These Mobility Containers are the ONLY containers to pass all phases for function, mechanical, handling, and environmental testing while fully loaded!**

# Destructive Testing

Mobility Containers of this design have been subjected to mechanical, handling, environmental and functional tests while loaded with an appropriate payload. These tests are described in the following paragraphs.

## Drop Tests

a. **Cornerwise Drop (Rotational) Test.** In accordance with method 5005 of Federal Standard 101 at minus 40°F, 70°F and 140°F.

b. **Edgewise Drop (Rotational) Test.** In accordance with method 5008 of Federal Standard 101 at minus 40°F, 70°F and 140°F.

c. **Vibration Test.** In accordance with method 5019 of Federal Standard 101.

## Mechanical Handling Tests

a. **Forklift Handling Test.** In accordance with method 5011 of Federal Standard 101, procedure 6.2.

b. **Hoisting with Sling Test.** In accordance with method 5011 of Federal Standard 101, procedure 6.3.2.

c. **Pushing Test.** In accordance with method 5011 of Federal Standard 101, procedure 6.5.

d. **Towing Test.** In accordance with method 5011 of Federal Standard 101, procedure 6.6.

## Blowing Standard Dust Test

In accordance with method 510 of Military Standard 810.

## Puncture Test

In accordance with PPP-B-580, paragraph 4.5.6.

## Salt-Fog Test

In accordance with method 509 of Military Standard 810.

## Tiedown Strength Test

To meet the requirements of Military Standard 648 and the following forces applied statically or dynamically and independently.

Forward	3	C
Aft	1-1/2	C
Lateral	1-1/2	C
Up	2	C
Down	4-1/2	C

## Pendulum Impact Test

In accordance with method 5012 of Federal Standard 101.

## Superimposed Load Test

In accordance with method 5016 of Federal Standard 101.



## Custom Engineered FRP Systems

- ◆ Tanks
- ◆ Containers
- ◆ Pipe
- ◆ Duct
- ◆ Rapid Runway
- ◆ Stacks
- ◆ RO Water
- ◆ Service and Repair
- ◆ **MADE IN THE USA**

# TANKINETICS

**PO Box 1195**

**Harrison, AR 72602**

**(714) 270-6467**

**Tankinetics.com**

**stguess@tankinetics.com**