



# NORFOLK NAVAL SHIPYARD

PORTSMOUTH, VA

## OVERVIEW

Composite Advantage's CVN aircraft carrier camels provide safe separation between ships and piers. The corrosion-resistant structures have a service life of 25 years with little to no maintenance. To allow for easy shipping, each camel is composed of 5 separate modules and fender panels, which are bonded and bolted together at a shipyard near the base. Assembled camels are delivered by tugboat to the pier.

**Owner:** Naval Station Mayport

**Installation date:** February 2017

## PRODUCT DIMENSIONS

Size (overall)	50 ft by 63 ft
Size (module)	11 ft 9 in by 56 ft
Depth	6 ft
Weight	235,000 lbs

## PRODUCT FEATURES

- Lateral load capacity: 1,500,000 lbs
- Vertical load capacity: 20,000 lbs
- Non-slip overlay
- Beige color
- Naturally buoyant FRP panels
- UHMW-PE interfaces resist abrasion lower friction
- Mooring cleats
- Compressible rubber fenders on pier side

