

A PROVEN PERFORMER

Willard Marine, Inc., is proud to exclusively offer proven SeaArk Marine vessel designs that have been used by a wide variety of commercial, government and service agencies throughout the United States. Since 1957, Willard Marine has served as a global leader in the manufacture of military-grade composite and aluminum boats up to 60-feet in length. With nearly six decades of design, engineering and manufacturing experience, Willard Marine has developed more than 20 types of world-class watercraft for federal and local law enforcement agencies, as well as foreign governments. Willard Marine is ISO 9001:2008 certified and all craft are built to required USCG, ABYC and ISO standards.



SEAARK
MARINE

RAM SERIES

RAM SERIES
21' to 55'

SeaArk took great care and many years of research before entering the rigid hull inflatable market in 1995. We polled hundreds of RIB users to find out what product would best fulfill their needs.

Most RIB boats are built around the collar and it's attachment system. SeaArk RAMs utilize proven, existing hull forms, and modify a very small area to accept a simple but effective attachment system. The result is a vessel that utilizes the best benefits of a rigid hull inflatable, without sacrificing the design or function of the boat. Interior structure, framing and hull plating all remain basically the same as the standard Commander and Dauntless class vessels. Cockpit and superstructures can be configured identical to non-collared boats. In essence, the things that make SeaArk vessels so durable, functional and safe for over 40 years are at the heart of every RAM product.

SeaArk RAMs offer the proven performance and history of the standard Commander and Dauntless class hulls with the added advantage of a D-shaped collar which enhances the effectiveness of the vessel.

The D-shaped collar and twin capture track mounting system offers several advantages over full body or circular shaped tubes:

- The boat's internal cockpit space is fully usable.
- The collar is not subject to damage or wear on the inboard sides.
- The vessel is fully functional and seaworthy without the collar installed.
- The flat surface of the "D" gives the collar two attachment tracks which spread load and impact pressure over a large surface area.
- The upper and lower capture tracks prevent the tube from movement during rough seas or high speed.

All SeaArk RAM vessels are available with air or foam collars. Air collars feature multiple chambers with Mil Spec valves. Foam collars combine 2 lb. density polyethylene foam with a small, self contained air bladder to provide worry free puncture resistance with shock absorbing capability.



RAM SERIES



SEAARK
MARINE



SEAARK
MARINE

1250 N. Grove St. • Anaheim, CA 92806 • 714-666-2150 • Fax 714-632-8136 • WillardMarine.com

21' V, 23' V, 25' V, 27' V
 21' VC, 23' VC, 25' VC, 27' VC

COMMANDER RAM

AIR OR FOAM COLLARS

28' to 55' Dauntless

DAUNTLESS RAM

COMMANDER RAM				
SPECIFICATIONS	21'	23'	25'	27'
LENGTH DEFLATED	20'11" [6.4m]	22'11" [7.0m]	24'11" [7.6m]	26'11" [8.2m]
LENGTH INFLATED	21'11" [6.7m]	23'11" [7.32m]	25'11" [7.9m]	27'11" [8.5m]
BEAM DEFLATED	8'0" [2.44m]	8'0" [2.44m]	8'0" [2.44m]	8'0" [2.44m]
BEAM INFLATED	10'0" [3.04m]	10'0" [3.04m]	10'0" [3.04m]	10'0" [3.04m]
DRAFT	1'2" [.4m]	1'2" [.4m]	1'2" [.4m]	1'2" [.4m]
WEIGHT	3,000 lbs [1,362 kg]	3,500 lbs [1,589 kg]	4,000 lbs [1,816 kg]	4,500 lbs. [2,041 kg]
HORSE POWER MAXIMUM	225	300	450	600
HORSE POWER MINIMUM	100	120	150	175

DRAFT is for hull with engine(s) tilted clear of water.
 Add 300 lbs. to weight for cabin model.
 H.P. MIN to plane boat with 2 persons and 100 lbs. of gear.



27' RAM NAVAL SEA SYSTEMS COMMAND



23' RAM NEW JERSEY STATE POLICE



25' RAM CHICAGO MARINE POLICE

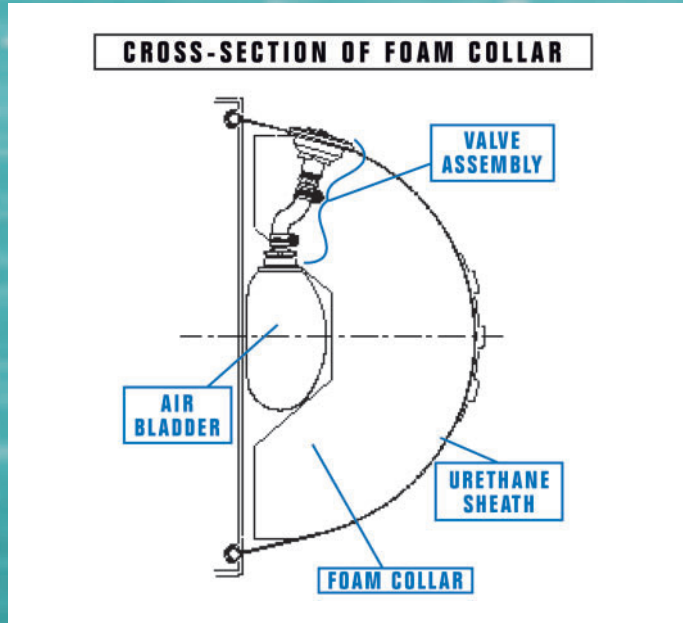
The collar sheath itself is a polyurethane material that consists of two layers of thermoplastic extruded film, each layer weighing 13 oz. per yard. These two layers are chemically bonded to a 14 oz. per yard woven nylon base to create a colorfast, lightweight, durable, smoothly finished 40 oz. per yard outer shell. Advantages of polyurethane fabric are higher puncture resistance, greater impact strength over product life, lower coefficient of friction, easily repairable and excellent resistance to petroleum.

*Hypalon collars are available upon request.

AIR

PNEUMATIC SHOCK ABSORPTION AT A VERY LOW WEIGHT

Air collars are typically installed when maximum shock absorption, such as law enforcement vessels performing repeated boarding, is needed. Air collars also offer the advantage of being able to be deflated for permit free transport of Commander Class boats on public roads.



FOAM

RESILIENT, DURABLE, PROTECTIVE

Foam collars offer maximum durability and puncture resistance. Boats with severe duty service missions or operating envelopes that include sharp edges and rough surface areas typically choose foam. Foam also provides added asset protection against small arms fire in combat situations, as it is one more layer of material that projectiles must pass through.



25' RAM VIRGINIA STATE POLICE

DAUNTLESS RAM								
SPECIFICATIONS	28'	32'	36'	40'	42'	44'	48'	55'
LENGTH DEFLATED	28' [8.53m]	32' [9.75m]	36' [10.97m]	40' [12.19m]	42' [12.8m]	44' [13.41m]	48' [14.63m]	55' [16.76m]
LENGTH INFLATED	29' [8.84m]	33' [10.06m]	37' [11.28m]	41'6" [12.65m]	43'6" [13.26m]	45'6" [13.87m]	49'6" [15.09m]	56'6" [17.22m]
BEAM DEFLATED	10'0" [3.04m]	11'6" [3.51m]	11'6" [3.51m]	13'6" [4.11m]	13'6" [4.11m]	13'6" [4.11m]	15'6" [4.72m]	15'6" [4.72m]
BEAM INFLATED	12'0" [3.65m]	13'6" [4.11m]	13'6" [4.11m]	16'6" [5.02m]	16'6" [5.02m]	16'6" [4.63m]	18'6" [5.64m]	18'6" [5.64m]
DRAFT (Inboard Models)	N/A N/A	3'2" [.97m]	3'8" [1.12m]	4'4" [1.32m]	4'4" [1.32m]	4'6" [1.37m]	4'6" [1.37m]	4'6" [1.37m]
WEIGHT	9,000 lbs [4,082.3 kg]	12,000 lbs [5,443.1 kg]	18,000 lbs [8,164.7 kg]	27,000 lbs [12,247 kg]	28,000 lbs [12,701 kg]	29,000 lbs [13,154 kg]	31,000 lbs [14,061 kg]	39,000 lbs [17,690 kg]
HORSE POWER RANGE	to 600	to 850	to 850	to 1300	to 1300	to 1300	to 1300	to 1300



28' RAM NAVAL SEA SYSTEMS COMMAND



32' RAM NAVAL SEA SYSTEMS COMMAND

ALL-WELDED, MARINE ALUMINUM CONSTRUCTION, ALLOY 5086 PLATING

PROPULSION

Single or twin outboard motors can be transom or bracket mounted. Alternate power options include gasoline or diesel stern drives.
 Refer to SeaArk's Commander Series Brochure for a list of standard equipment, construction details and available options



ALL-WELDED, MARINE ALUMINUM CONSTRUCTION, ALLOY 5086 PLATING

PROPULSION

Twin outboard motors can be transom or bracket mounted. Alternate power options include gasoline or diesel stern drives, jet drive or inboard engines.
 Refer to SeaArk's Dauntless Series Brochure for a list of standard equipment, construction details and available options

