

AERO-CRAFT

LIGHTWEIGHT ALUMINUM BOATS



Antique Boat Museum



HARWILL, INC., ST. CHARLES, MICHIGAN

AERO-CRAFT presents a complete fleet of lightweight aluminum boats

- designed for superb performance at all speeds
- built for safe, seaworthy service
- thoroughly tested for strength and ruggedness
- fully guaranteed against defects and hull punctures

In collaboration with leading marine designers and metallurgical engineers, Rene Beauvais, noted aircraft engineer, adapted the special aluminum alloys and production techniques of the aircraft industry to the manufacture of lightweight aluminum boats. The result: a complete line of fast, strong, highly dependable sporting boats that bear the trademark "Aero-Craft". For snappy action, easy handling and the thrill of outboarding at its best, Aero-Craft Boats can't be beat. Whether you want a lightweight car-top, a duck boat for hunting or fishing, a speedy runabout or a big outboard cruiser, there is an Aero-Craft model that will suit your plans exactly. Each is designed to give you top performance with maximum safety and stability. Each has been subjected to rigorous factory tests in heavy seas and shallow waters, over slightly submerged logs, rocks and metal stakes, to insure maximum seaworthiness, strength and resistance to damage from underwater obstructions. Each is fully guaranteed against defects in materials and workmanship for one year, against hull punctures for ten years.

◀ With four people aboard, there's still plenty of room for more in the big Aero-Craft Model H.

GUARANTEE

Aero-Craft Boats are guaranteed for a period of ten years against skin punctures in normal use and the factory or the factory's nearest service center will repair such damage free of charge for a period of ten years from date of purchase. Any skin repairs necessary as the result of accident or abuse will be made at cost by the factory at any time after purchase.

The Aero-Craft trademark is your assurance of quality. With proper handling, this boat will give you many years of trouble-free service. Harwill, Inc. stands behind the materials and workmanship in all Aero-Craft Boats. Any defect in material or workmanship should show up in one year's time, so Aero-Craft Boats are guaranteed for a period of one year and any repairs necessary as the result of normal use will be made free of charge by the factory or the factory's nearest service center. Any repairs necessary as the result of accidents or of abuse will be made at cost.

Transportation to and from the factory or service center shall be paid by the boat owner.

Rigid inspection insures that at the time an Aero-Craft Boat leaves the factory ample flotation has been provided to keep the boat afloat even when filled with water.

This buoyancy is vital to you. In the interest of boating safety we recommend that our boat or any boat be tested periodically to insure that buoyancy will be available in an emergency.

This guarantee applies only to the original registered owner of an Aero-Craft Boat. To put the guarantee into effect, the warranty card must be filled out and mailed to the main office in St. Charles.

HARWILL, INC.

ST. CHARLES, MICHIGAN

AERO-CRAFT lightweight aluminum boats designed and built to modern aircraft standards

Aero-Craft Boats are constructed from high strength, high temper aluminum alloys that are rustproof, resistant to the corrosive action of salt water and practically impervious to damage from underwater obstacles. All seams and joints are firmly riveted together by the same methods used in the construction of modern aircraft. Seams and joints are not welded because welding destroys the vital temper of the metal that gives Aero-Craft Boats their superior strength. Aero-Craft Boats are built by highly skilled union workmen using the latest aircraft assembly methods. They are pressure-tested before leaving the factory to make sure that each boat is absolutely watertight.

Aero-Craft Boats are designed for maximum speed from standard outboard motors. The polished aluminum hull helps reduce the friction of the boat in the water for greater speed. The boats are engineered so that the motor thrust is distributed evenly throughout the entire boat.

With a minimum of care, Aero-Craft Boats will give a lifetime of service. Expensive seasonal maintenance operations such as cleaning, scraping, painting and caulking are unnecessary. After use in salt water, it is a good idea to rinse the boat with fresh water; but even this chore is unnecessary if the boat is waxed occasionally.

TRANSOM

Proper height transom of strong aluminum plate is capable of carrying outboard motors of the highest recommended h.p.

MOTOR PAD

Inside pad of selected hardwood extending the full width of the transom provides additional strength. Outside pad of marine plywood. Both treated with wood preservative and high quality marine varnish.

STERN HANDLES

Two strong carrying handles, suitable for pulling an aquaplane or water-skis are securely riveted to the transom.

TRANSOM KNEES

Strong aluminum transom knees give rigid support to the transom where weight and thrust of the motor are carried.

STA-FOILS®

Aero-Craft patented Sta-Foils available on all Aero-Craft Boats. For complete details, see page 16.

RIVETED SEAMS AND JOINTS

Riveted construction throughout insures greater strength and higher resistance to the stresses and strains of severe pounding in the water.

STRESSED SKIN CONSTRUCTION

Side and bottom skins are high strength, high temper aluminum alloys, comparable to materials used in modern military aircraft.

SEATS

Sturdy aluminum seats serve as bulkheads that reinforce the sides and bottom of the boat, making the entire hull strong and rigid.

PAINTING

The inside bottom of every Aero-Craft Boat is painted with non-skid paint for safety. A wide blue stripe around the boat is the mark of distinction on all Aero-Craft Boats.

FLOTATION CHAMBERS

Underseat flotation chambers contain enough buoyant Dow Styrofoam to keep the boat afloat even when filled with water. (See guarantee.) Use of Styrofoam eliminates noisy air tanks that are easily punctured.

CAULKING

Lifetime caulking compound in all seams and joints stays watertight. Aero-Craft is ready for service each spring without a new caulking job.

CUSHIONED OAR SOCKETS

Silent type cast aluminum oar lock sockets are securely mounted with rivets.

BOW HANDLE

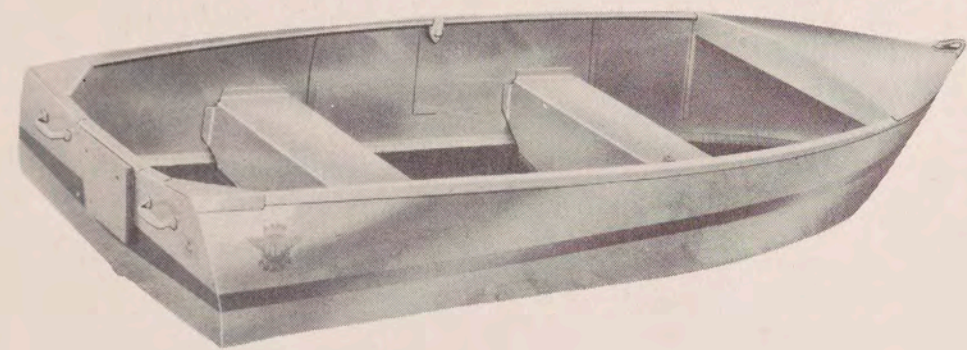
Sturdy handle on the bow provides a sure grip for easy portaging. Can be drilled to hold a flag or pennant.

DECK

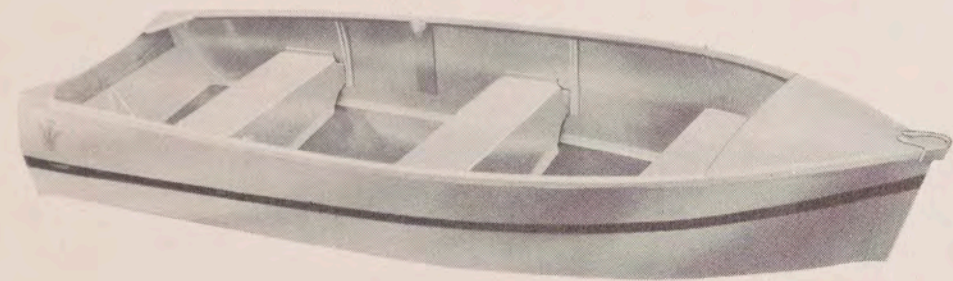
Beautiful sweeping fore decks of tough aluminum for added strength. Will withstand severe use.

NAME PLATE

Every Aero-Craft Boat carries a name plate inscribed with a serial number to discourage thefts and insure positive identification.



MODEL A—This peppy little Aero-Craft runabout combines light weight with unusual speed and maneuverability. Weighing just 90 lbs., it is light enough for easy rowing and portaging—fine for car-top portability. And with motors up to 10 h.p., it will flash through the water at a surprising clip. At slower speeds, it is an ideal craft for trolling. Semi-vee bottom makes it easy to handle at all speeds, safe and seaworthy in rough water or sudden squalls. 36-inch deck provides plenty of dry storage space for lunches and fishing gear. Two seats accommodate three passengers nicely. 12 feet long with a 46-inch beam. 22¾ inches deep.



MODEL B—Incorporating the same sleek hull design as the Aero-Craft Model A, its sturdy sister ship, the Model B, gives the same snappy performance and handles easily in or out of water. It has three seats to make more room for passengers on fishing trips or family outings. 22¾-inch depth gives deep draft and good stability for carrying extra weight. Shorter 24-inch deck still provides ample protected storage space. The Model B is 12 feet long with a 46-inch beam and weighs just 90 lbs. Handles outboard motors up to 10 h.p.

These fishermen make a fast run to fishing waters in the speedy Aero-Craft Model B, three-seat runabout.



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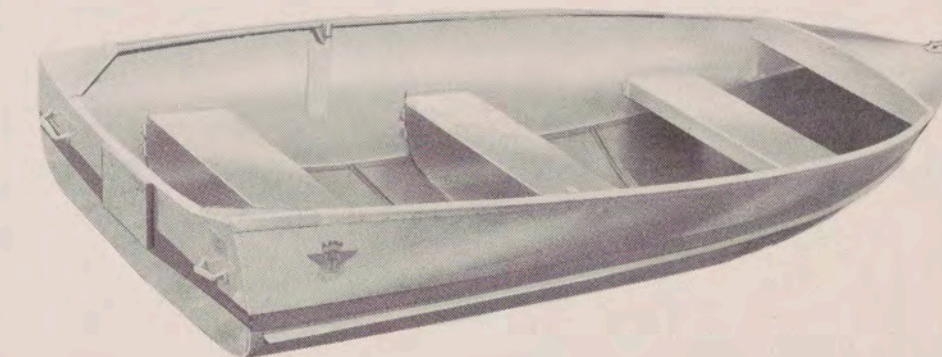
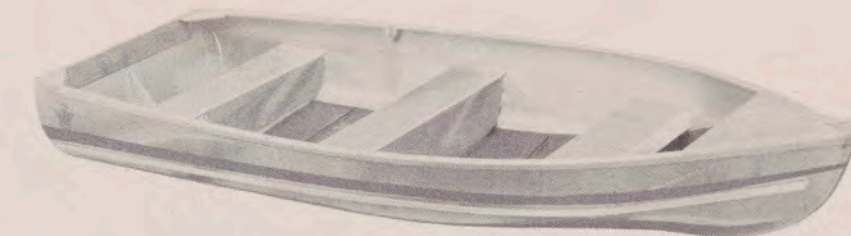
MODEL M—This thrill-a-minute speedster is the lightest, lowest priced all-purpose boat in the Aero-Craft fleet. With its round chines, semi-vee bottom and exclusive Aero-Craft "speed curve" stem, it has excellent planing qualities and unusual stability. Generous bow flare helps make it exceptionally seaworthy even in rough waters. Weighs only 80 lbs., light enough for one man to lift and handle, ideal for car-top portability, rowing and portaging. 12 feet long and 19 inches deep with a 50-inch beam and a 19-inch deck. Three seats, full length spray rails. For use with motors up to 10 h.p.

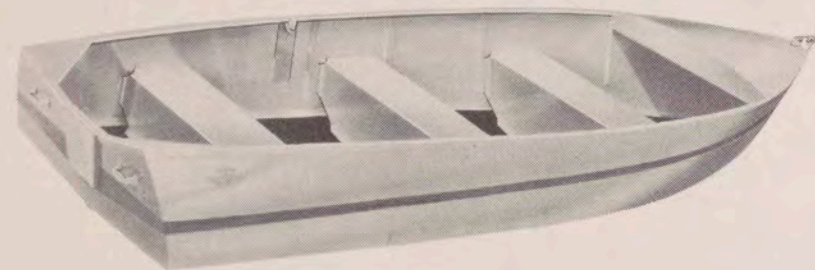
MODEL K—Like the Aero-Craft Model M in all respects except size, this racy 14 footer gives the same riding thrills, the same top performance plus the extra roominess and sturdiness of a larger hull. But in spite of its extra length and width, it weighs only 100 lbs., light enough for easy rowing and portaging or car-top portability. The Model K has a 19-inch deck, 52-inch beam and is 19 inches deep. Three seats, full length spray rails. For outboards up to 15 h.p.

MODEL P AND MODEL Q—Two Aero-Craft Boats, the Models P and Q, complete this group of big, deep, wide-beamed boats with round chine hulls. Plenty of semi-vee planing surface forward to handle maximum power in safety. Deep vee near the bow gives unusually soft riding qualities. Model P is 12 feet long, has a 56-inch beam, a 24-inch fore deck, three seats and is 22 inches deep. It weighs 110 lbs. Model Q is a 14-foot boat with a 59-inch beam, a 24-inch deck and three seats. It is 22 inches deep and weighs 120 lbs. Both models have full length spray rails.

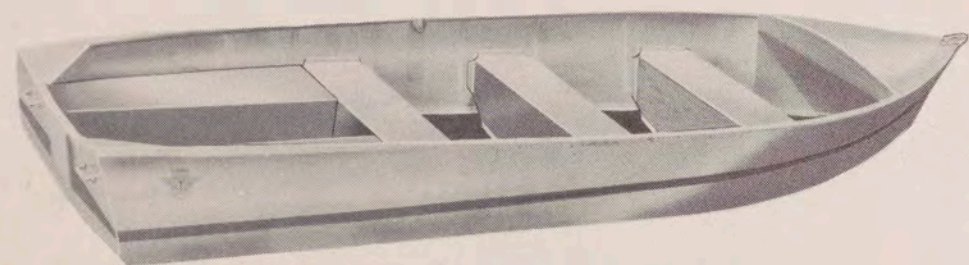
NOTE: Models M, K, P and Q are also available with a longer fore deck or a center deck or both a longer fore deck and a center deck. In the price list, the letter "X" added to the model letter designates a longer fore deck, the letter "Y" designates a center deck, and the letter "Z" designates both longer fore deck and center deck. Thus, in addition to the models listed in this catalog, the following models are also available: Models MX, MY, MZ • Models KX, KY, KZ • Models PX, PY, PZ • Models QX, QY, QZ.

◀ The kids enjoy some fine outboarding sport in the lightweight Aero-Craft Model M.





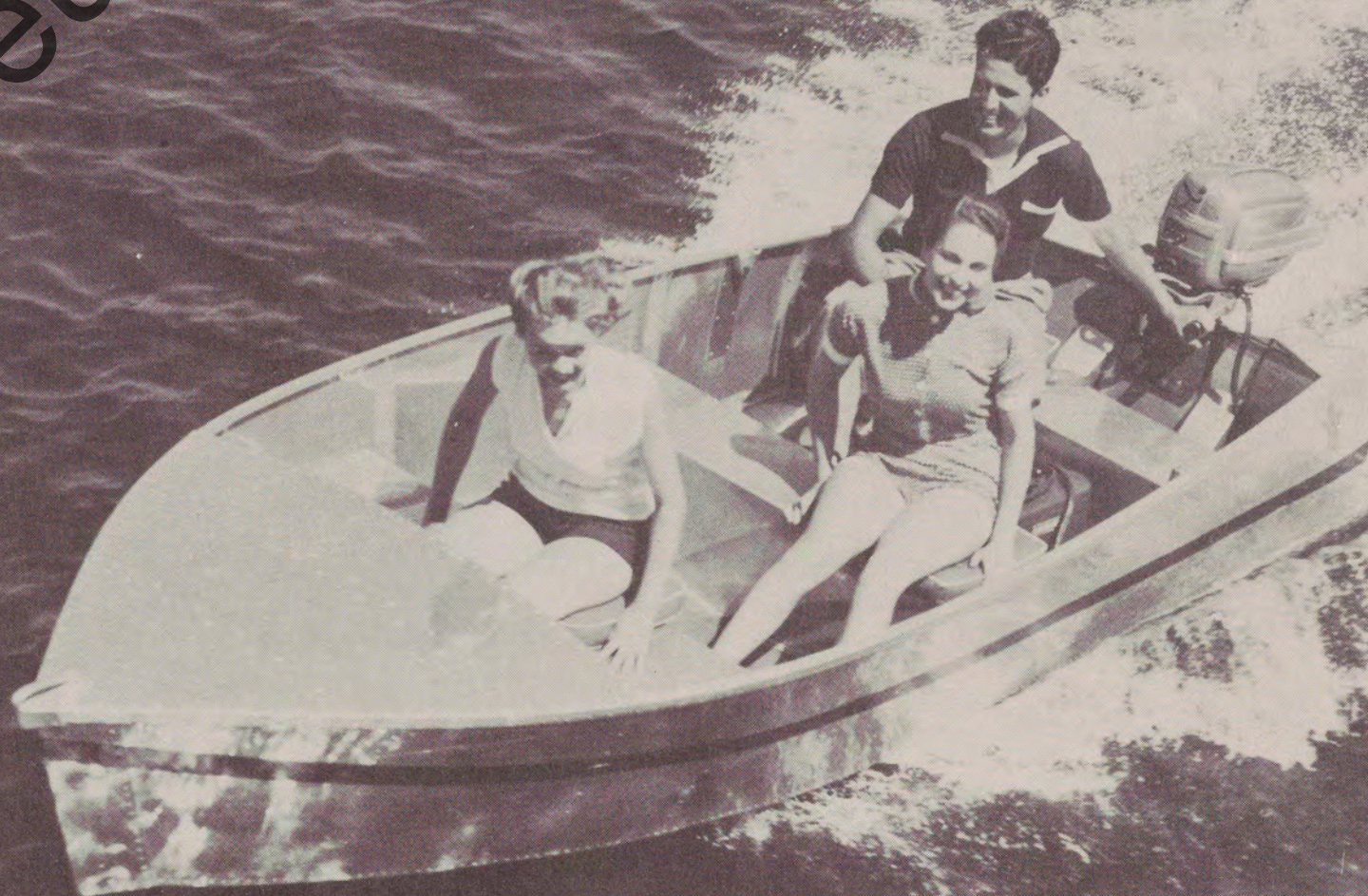
MODEL D—With lines similar to the peppy Model A runabout the 14-foot Model D Aero-Craft is a larger, roomier three-seat runabout that makes an ideal family boat. There's plenty of buoyancy in the Model D for heavy loads, yet it is light enough to carry on a car top, long enough to ride easily in rough water. Performance is tops as a sporting craft or fishing boat. It has perfect planing qualities and handles beautifully at high speeds. Semi-vee type hull is $24\frac{3}{4}$ inches deep, providing ample draft when extra weight is carried. It has a 56-inch beam with a 39-inch deck. Weighs just 130 lbs. Takes any outboard up to 25 h.p. Over the last few years, thousands of enthusiastic owners of the Model D have acclaimed it as one of the finest square-chined runabouts in the 14-foot class.

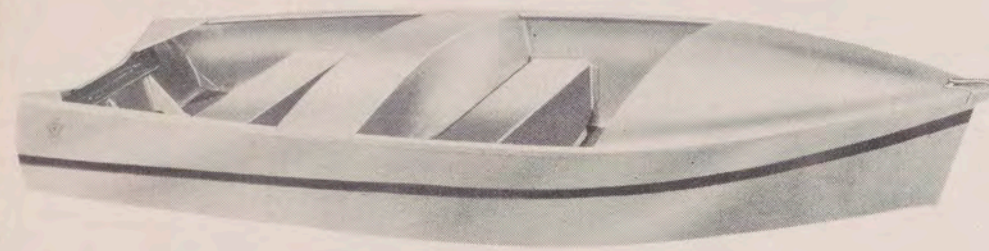
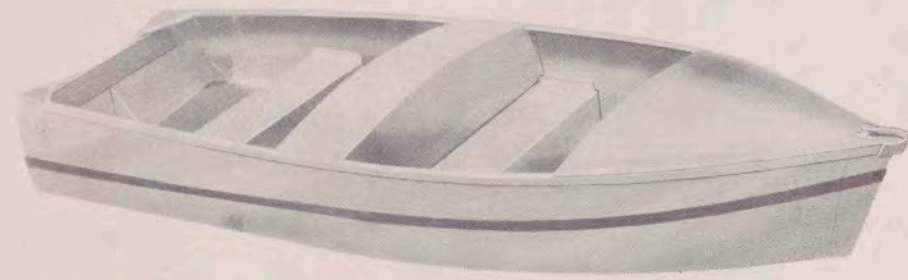


MODEL H—You can really pack 'em into this big, roomy 16 footer. Longitudinal guide seats in the aft cockpit make it possible to carry extra passengers without crowding. And the boat has all the buoyancy and stability you need to handle these heavy loads in perfect safety. It is big enough for large open waters, yet so light that it will develop amazing speed with comparatively small motors. And it can be carried on top of a car. It has exceptionally good planing qualities with maximum loads and can be maneuvered with ease. Weighs 162 lbs., has five seats, a 58-inch beam and a 39-inch deck. $24\frac{3}{4}$ inches deep. Takes motors up to 25 h.p.

Plenty of room and plenty of action in the big Aero-Craft Model D. See the Model H in action on the inside front cover. ▶

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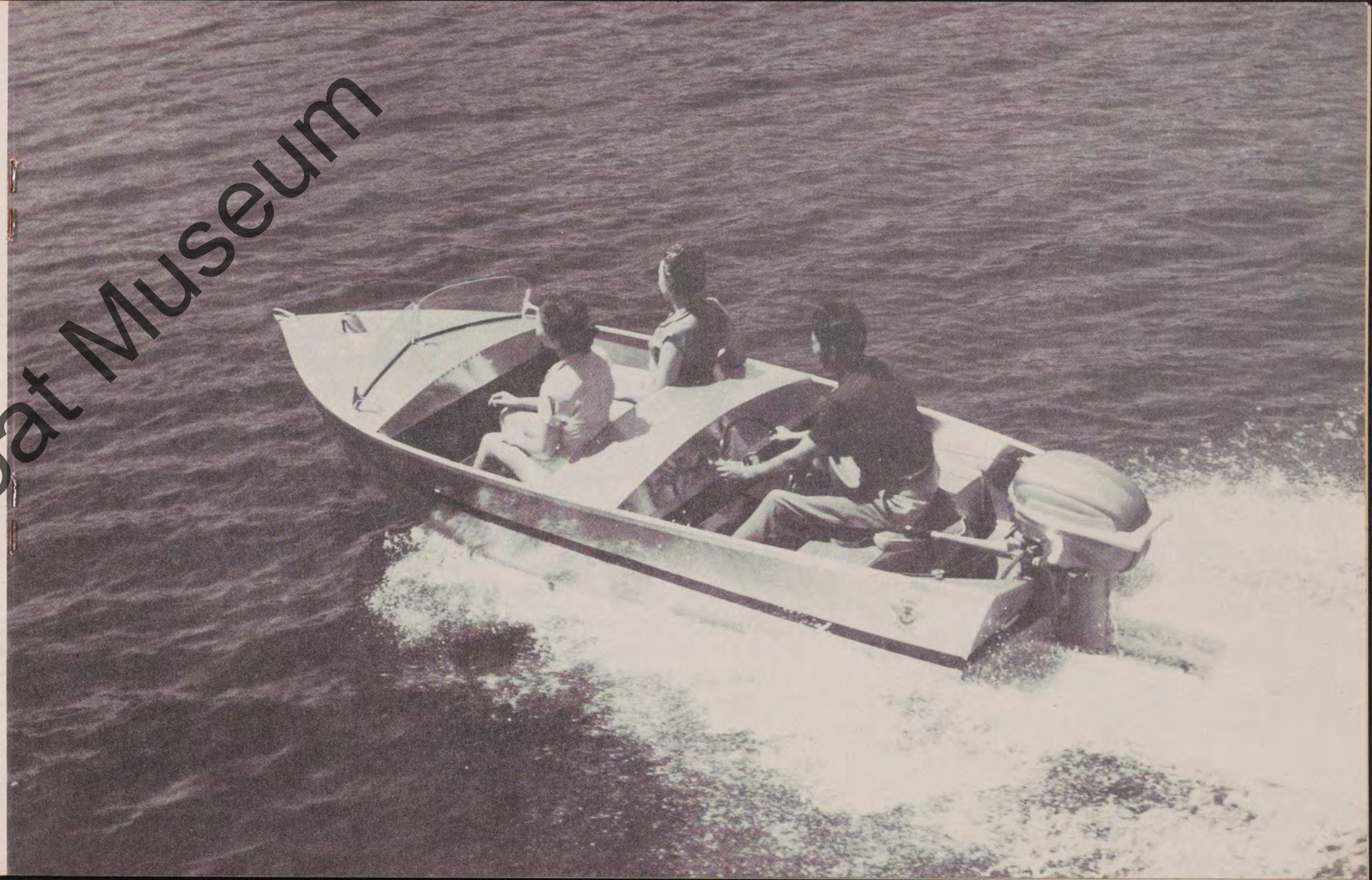




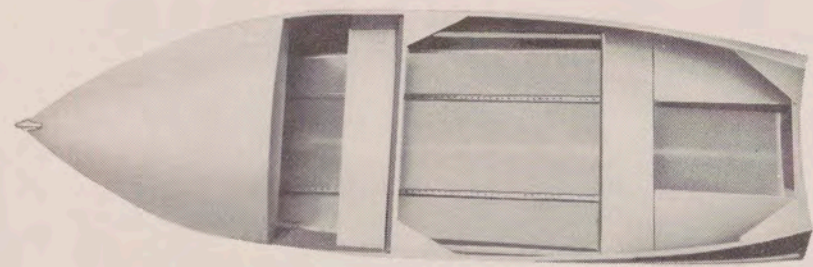
MODEL AD (DELUXE)—This is the Model A runabout, equipped with a center deck for the installation of a steering wheel and remote controls. With this equipment added, the Model AD has been a consistent winner in stock outboard races. It gives you greater maneuverability, easier and safer handling at all speeds for some grand outboarding sport. Center deck adds only 10 lbs., making the total weight just 100 lbs., still light enough for easy portaging. 12 feet long with 46-inch beam, two seats and 36-inch fore deck. 22 $\frac{3}{4}$ inches deep. For use with outboards up to 10 h.p. Factory installed steering wheel and remote controls optional at small additional cost.

MODEL DD (DELUXE)—The Aero-Craft Model DD is a big, roomy 14-foot runabout with semi-vee bottom, square chines to eliminate drag and a center deck for the installation of steering wheel and remote controls. Center deck also serves as a back rest for front seat passengers. Long, sweeping 50-inch fore deck adds beauty and provides a protected storage area. Perfect planing qualities keep this racy runabout skimming over the water even with maximum loads. Weighs only 140 lbs., 56-inch beam, two seats, 24 $\frac{3}{4}$ inches deep. Takes motors up to 25 h.p. Factory installed steering wheel and remote controls optional at small additional cost.

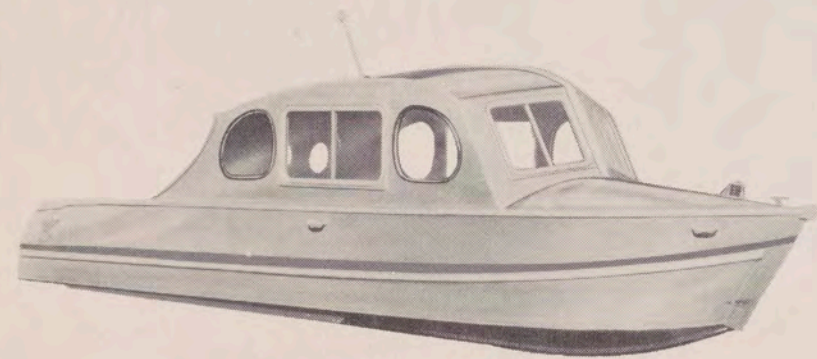
And here's the Aero-Craft Model DD, equipped with windshield, steering wheel and remote controls, providing some real outboarding thrills.



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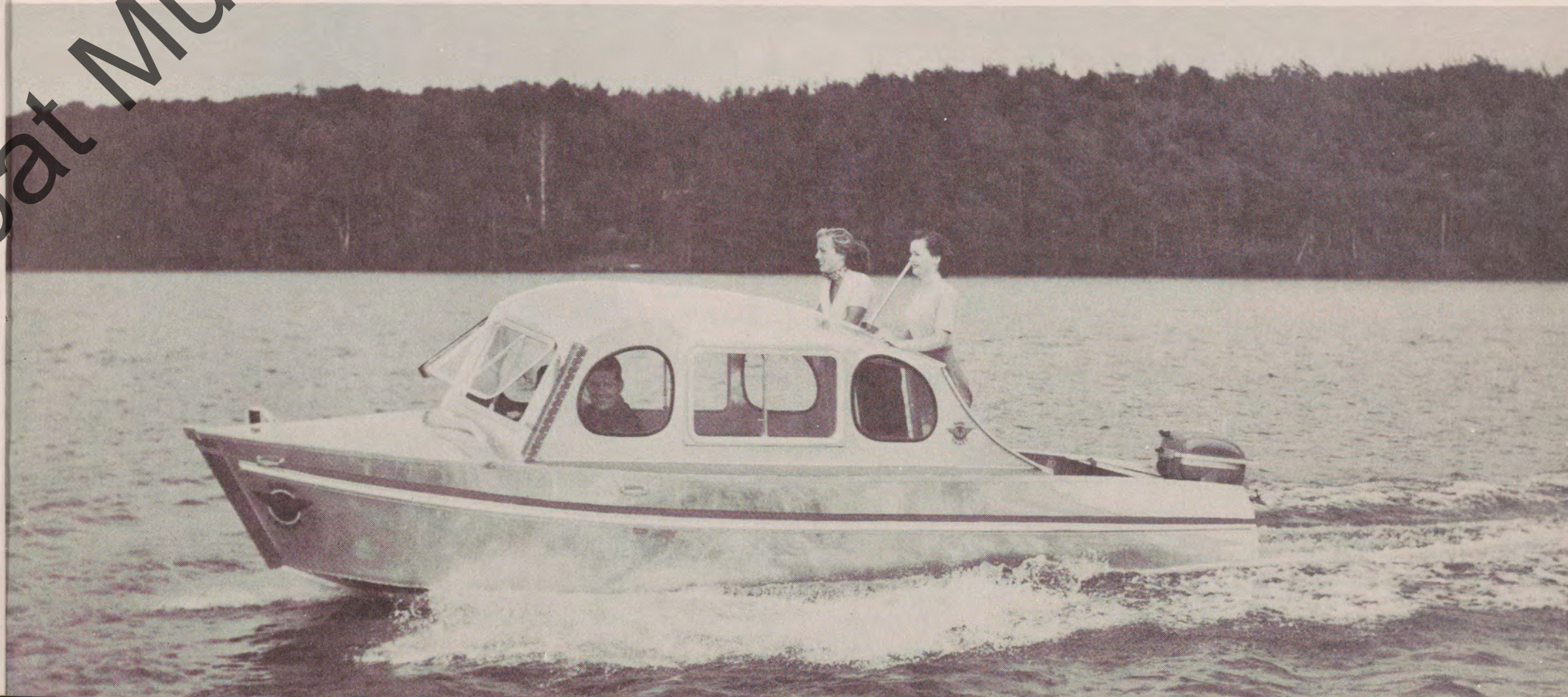
MODEL JOR—Biggest, roomiest runabout in the Aero-Craft fleet, the 18½-foot Model JOR is a sturdy, dependable craft, constructed entirely of strong aluminum plate that is virtually puncture proof. On the wild and treacherous waterways of Alaska, where these boats received their first gruelling tests, they proved their ability to withstand jagged rocks and dangerous rapids. Strong, buoyant and exceptionally seaworthy, the JOR is good for a lifetime of hard use as a work or pleasure boat. Weighing less than 500 lbs., it can be used with motors up to 50 h.p. 6-foot beam, 71-inch fore deck, 36 inches deep. Two full width seats and two longitudinal guide seats. Transom height to order. Center deck, steering wheel and remote controls optional at extra cost.

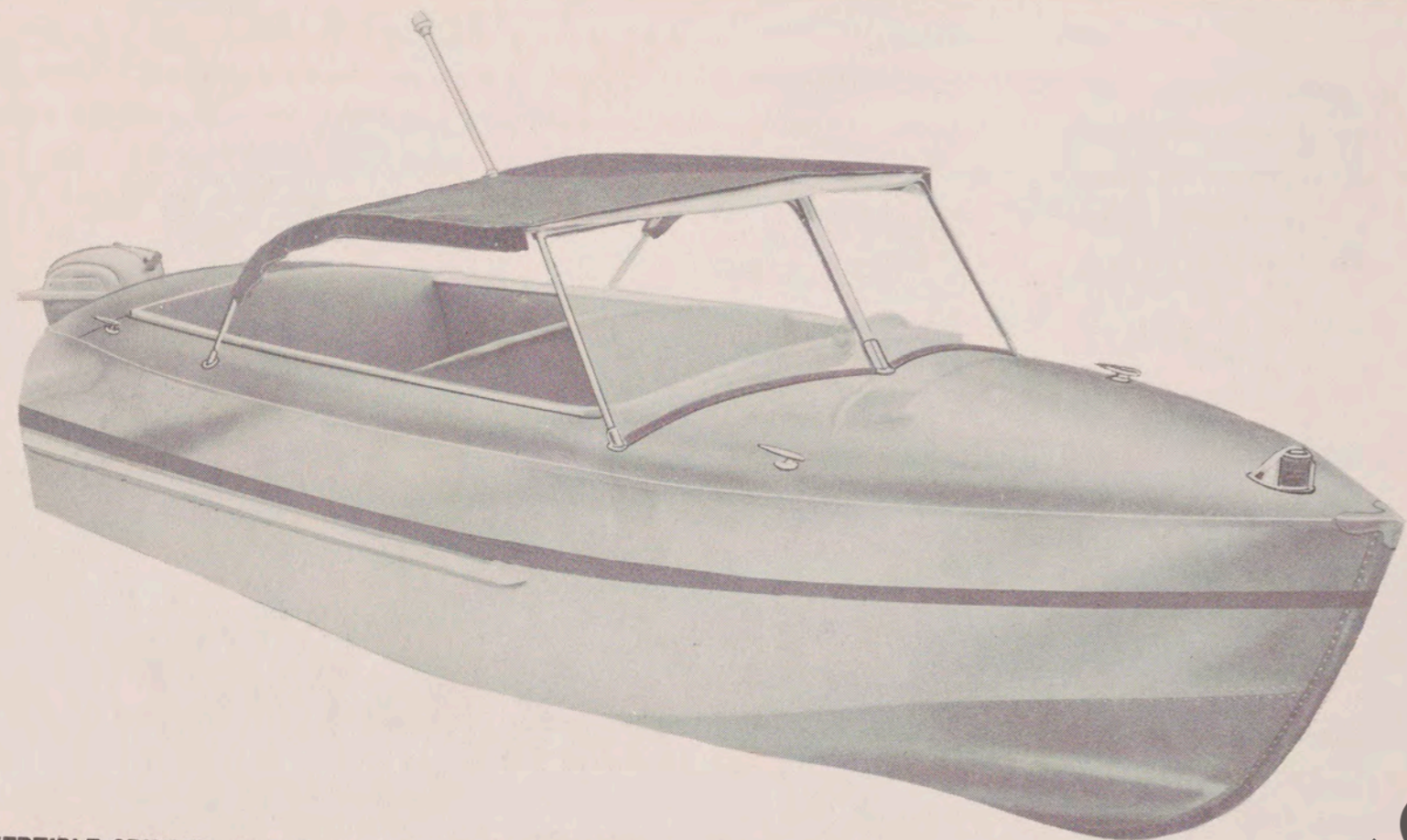


MODEL JCC STANDARD—In the Model JCC, Aero-Craft has fashioned a beautifully streamlined outboard Sedan Cruiser that brings the pleasures of a cabin cruiser to many at a lower price than inboard cruisers. Three people can sleep comfortably in the roomy cabin at night, and there is plenty of room on board for eight in the daytime. The cabin can be closed up snug and watertight in bad weather, and when the weather is nice, the big windows and doors can be opened wide to let in lots of fresh air and sunshine. Because of the light weight and shallow draft of the Aero-Craft Sedan Cruiser, it is highly maneuverable and can navigate uncharted channels and shallow waters, where heavier wooden cruisers dare not go. It is easy to push off sand bars, and it can be beached on most any beach a rowboat might use. The tough aluminum plate hull can withstand collision with underwater obstructions that would seriously damage a wooden hull. The Aero-Craft Sedan Cruiser can be used with outboards from 7½ to 50 h.p. The Model JCC is 18½ feet long with a 6-foot beam. Cabin is 58½ inches wide, 62 inches high, 87 inches long. 56-inch deck and a 6-foot stern cockpit. Transom heights of 21, 17½ or 15 inches are available. The Standard weighs about 650 lbs. It comes equipped with carrying handles, floor boards, motor pad and wood cabin seats with back rests that fold out to form a base for bedding.

The JCC Sedan Cruiser makes an exciting spectacle as it flashes through the water on an inland lake. ▶

MODEL JCC DELUXE—Like the Model JCC Standard, but equipped with special accessories and deluxe appointments. Includes steering wheel, steering ropes, pulleys and throttle control, chrome-plated flag pole, stern light, dome light, combination red and green running light. Cabin interior is panelled in beautifully finished birch and mahogany and fitted with two upholstered seat and bed units of No-Sag innerspring construction, covered with water resistant plastic. Flying bridge windshield, radio mast, aft superstructure and life preserver are optional at extra cost. Dimensions of the JCC DeLuxe are the same as the Standard. Weight about 700 lbs.



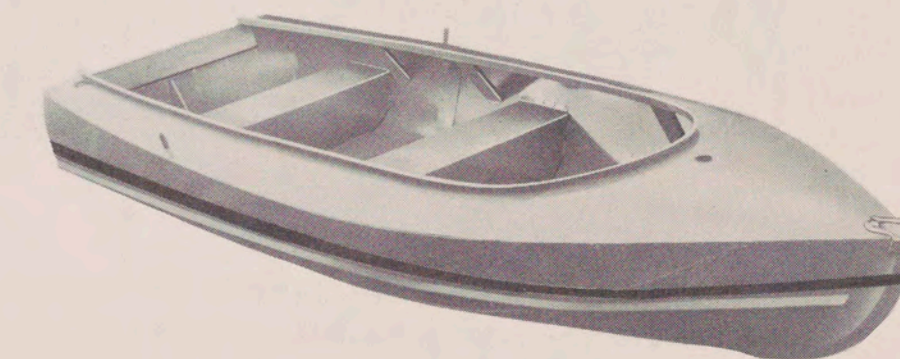
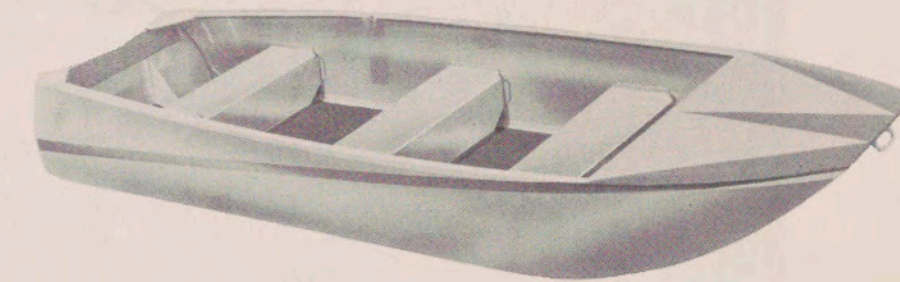


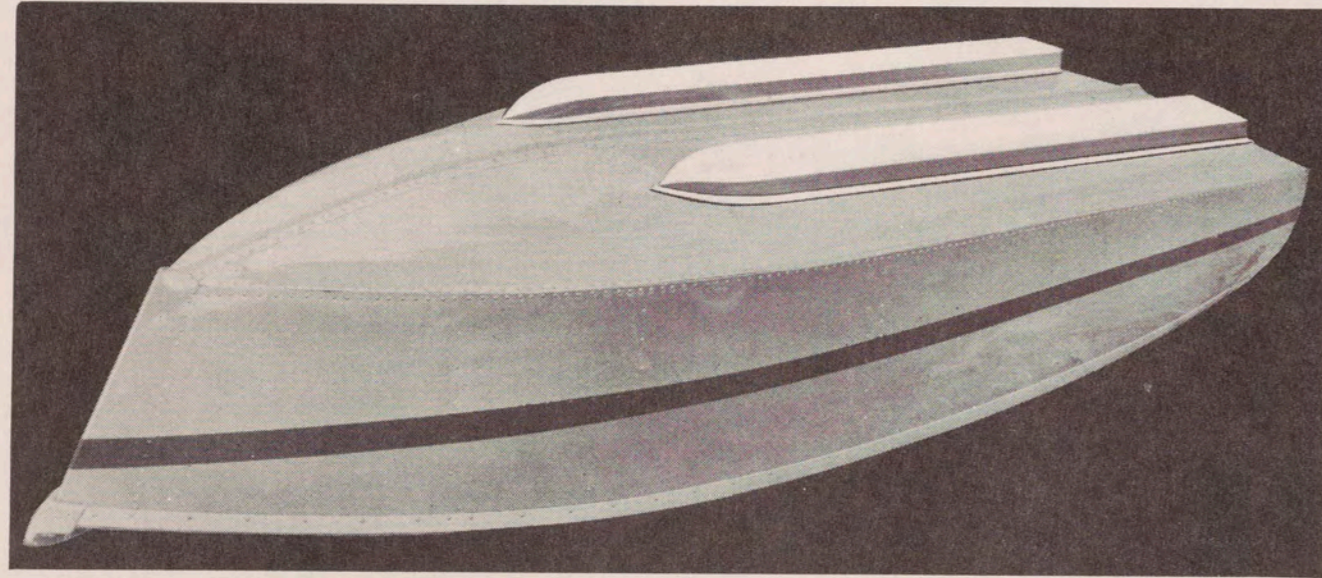
CONVERTIBLE CRUISER—Picture yourself at the helm of this sleek, speedy convertible, pride of the inland waterways. Snap on the removable canvas top and side curtains in a jiffy, and you're in command of a cabin cruiser, fully protected in heavy seas and stormy weather. Or snap off the top and side curtains, stow them away under the sweeping fore deck, and you have the roomy accommodations of a big runabout. The tough aluminum hull has plenty of freeboard, semi-vee bottom, flared bow and the exclusive Aero-Craft "speed curve" stem for maximum seaworthiness, speed and good cruiser performance in most any waters and weather conditions. Takes outboards up to 40 h.p. Planes out well with motors as small as 10 h.p. Completely equipped with *steering controls, *remote shift and throttle, running lights, step pads, bow cleat, stern light, chrome flag pole, compass, battery holder, platforms for two gas tanks under rear seats, colorful plastic upholstered seats and interior, automatic bailer. After deck opens for storage. High transom with brackets for one or two motors. Weighs 550 lbs. 16 feet long with 72-inch beam, 72-inch deck and two seats. 35 inches deep. Side curtains optional at additional cost.

*In order to install proper controls we must have the exact year and model of motor to be used.

MODEL G—For an extremely hardy craft that can stand rough use and abuse, the Aero-Craft Sea Sled can't be beat. This flat-bottomed 12 footer combines maximum seating capacity, maximum buoyancy and solid stability with the flashy modernistic lines and fast-stepping performance of a racy runabout. These features make it adaptable to a wide variety of uses . . . a great favorite with resorts and boat liveries. Weighing only 105 lbs., it is easily handled afloat, ashore or on car tops. It has three seats, a 31-inch deck and a 47-inch beam. 17 inches deep. For use with motors up to 15 h.p.

MODEL F—Duck hunters and fishermen especially will like the Aero-Craft F "Hunter and Fisher", a well-designed 12-foot duckboat that incorporates many of the advantages of a canoe, rowboat and speedy outboard runabout. Weighing only 90 lbs., it is light enough for one man to mount on a car top easily, fine for rowing and portaging, too. Extremely shallow draft makes it ideal for duck hunting or fishing in marshes. With motors from 1 to 10 h.p., it has excellent planing qualities and will develop speeds up to 30 m.p.h. Slight vee bottom makes it highly maneuverable and extremely stable in rough water despite its light weight. Three seats. 50 inches wide at the beam. 36-inch deck, 19 inches deep. Cockpit width, 32½ inches; cockpit length, 9 feet; cockpit depth, 21 inches. Takes motors up to 10 h.p. Complete with pole wells fore and aft.





STA-FOILS —To give your lightweight runabout the stability of a cruiser and the performance of a racing hull, install Sta-Foils, the amazing new development of Aero-Craft engineers that adds weight when you need it most, drops weight when you want speed and action. Attached to the bottom of your hull, Sta-Foils fill up with water and become ballast tanks that increase the dead weight of your boat for stability and safety when it is anchored or moving slowly. As your boat picks up speed, the water drains out of the Sta-Foils, and they become fast planing foils that help increase the speed and maneuverability of your boat and give a soft, knee-action ride. Sta-Foils also help hold the boat on a true course in high winds or heavy seas; they strengthen the bottom of the boat and help shield it from underwater obstacles.



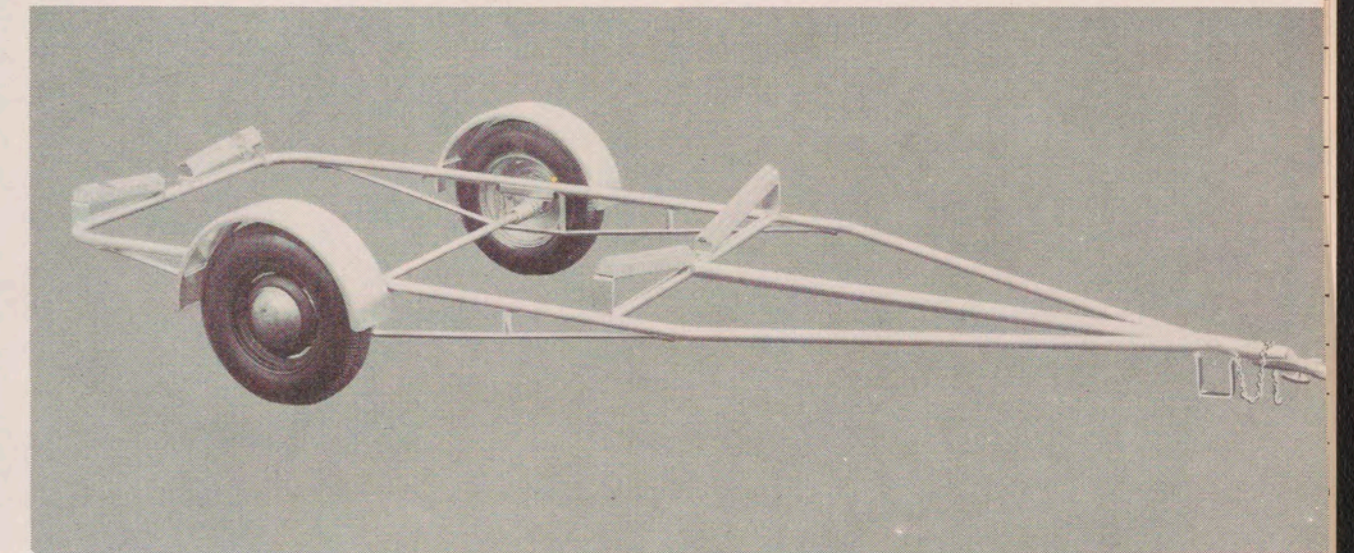
Pat. Pend.
Trade Mark

ACCESSORIES

CENTER DECKS AND DASHES are available as optional equipment for most models. These units are shipped complete with instructions for installation or they can be installed at the factory for a slight additional charge.

TRAILER—Sturdy trailer with strong tubular steel frame, especially designed for hauling your Aero-Craft Sedan Cruiser (Standard or DeLuxe), Convertible Cruiser or Model JOR. Linco load level trailer axle cushions road shock, provides a low center of gravity and better balance for carrying heavier loads evenly with a minimum of sway. Complete with standard automobile wheels and tires, fenders, tail light, safety chains and license plate bracket.

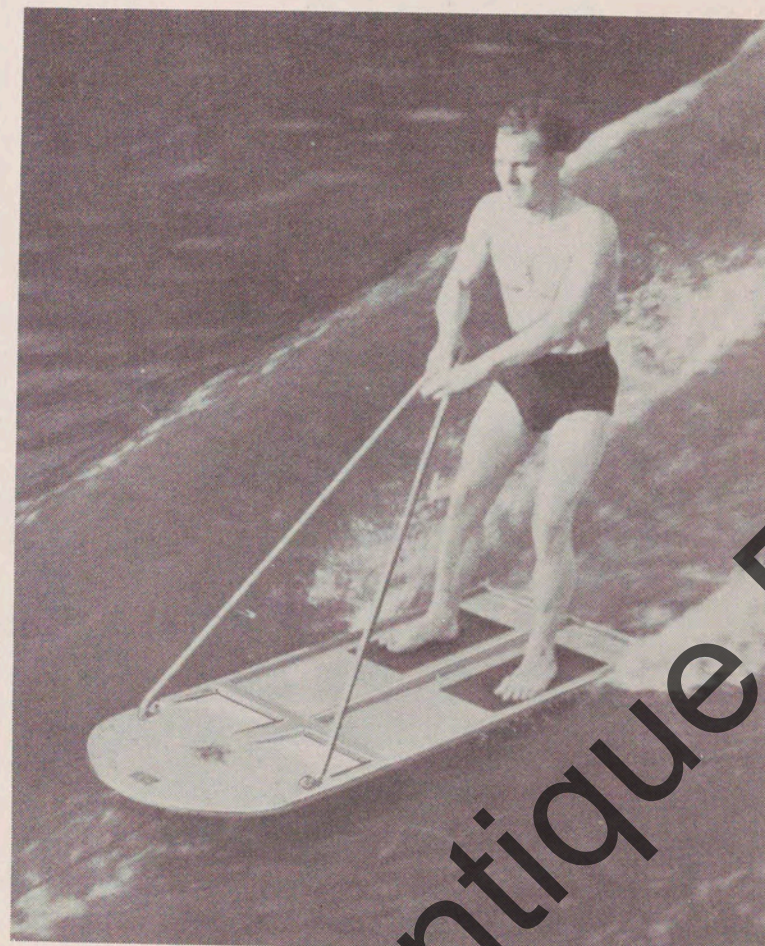
STEERING WHEELS AND REMOTE CONTROLS including ropes, pulleys and throttle controls can be installed at the factory or shipped to you complete with installation instructions.



AQUAPLANE—Lighter and stronger than wooden models, Aero-Craft's un-sinkable aluminum aquaplane is faster and easier to handle as it skims over the surface of the water. It is practically indestructible and will give you a lifetime of exciting sport, yet it costs less than wooden aquaplanes. Complete with flotation chamber.

In addition to the above equipment, Harwill, Inc., handles a complete line of marine accessories including oars, running lights, stern lights, seat cushions, life preservers, etc. We can also supply you with cut aluminum sheets, rivets and other materials for making alterations and additions to your boat.

For the Model JCC (Standard and DeLuxe) we also carry dome lights, flying bridge windshields, radio, aft superstructures. For complete information about our accessories line, write us today.



specifications—AERO-CRAFT lightweight aluminum boats

Model No.	Length	Beam	Depth	Approx. Weight	Seats	Deck	Max. H.P.	Bottom Width at Transom
A	12'	46"	22 $\frac{3}{4}$ "	90	2	36"	10	42"
B	12'	46"	22 $\frac{3}{4}$ "	90	3	24"	10	42"
M*	12'	50"	19"	80	3	19"	10	43 $\frac{1}{2}$ "
K*	14'	52"	19"	100	3	19"	15	43 $\frac{1}{2}$ "
P*	12'	56"	22"	110	3	24"	18	49 $\frac{1}{2}$ "
Q*	14'	59"	22"	120	3	24"	25	49 $\frac{1}{2}$ "
D	14'	56"	24 $\frac{3}{4}$ "	130	3	39"	25	50"
H	16'	58"	24 $\frac{3}{4}$ "	162	5	39"	25	50"
AD	12'	46"	22 $\frac{3}{4}$ "	100	2	36"	10	42"
DD	14'	56"	24 $\frac{3}{4}$ "	140	2	50"	25	50"
JOR	18' 6"	72"	36"	500	4	71"	50	62 $\frac{1}{2}$ "
JCC (Standard)	18' 6"	72"	36"	650	4	56"	50	62 $\frac{1}{2}$ "
JCC (DeLuxe)	18' 6"	72"	36"	700	4	56"	50	62 $\frac{1}{2}$ "
Conv. Cruiser	16'	72"	35"	550	2	72"	40	64"
F	12'	50"	19"	90	3	36"	10	43 $\frac{1}{2}$ "
G	12'	47"	17"	105	3	31"	15	40"

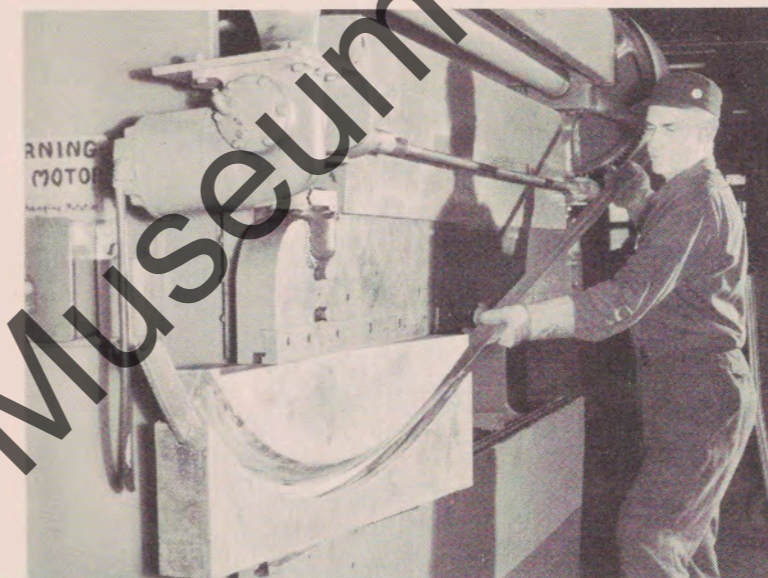
*Models M, K, P and Q are also available with a longer fore deck or a center deck or both a longer fore deck and a center deck. In the price list, the letter "X" added to the model letter designates a longer fore deck, the letter "Y" designates a center deck, and the letter "Z" designates both longer fore deck and center deck. Thus, in addition to the models listed in this catalog, the following models are also available: Models MX, MY, MZ • Models KX, KY, KZ • Models PX, PY, PZ • and Models QX, QY, QZ.

NOTE: The factory reserves the right to alter any listed specification without notice, if, in the opinion of the factory, such alterations will improve the boat or facilitate production without lowering quality.

AERO-CRAFT BOATS are produced in the large, modern plant of Harwill, Inc.

Founded early in 1946 for the manufacture of lightweight aluminum boats according to the sound principles of aircraft construction, developed during and since World War II, Harwill, Inc., has made tremendous strides in the comparatively few years of its existence. The quality of the boats produced was quickly recognized and, by late 1947, Aero-Craft had become one of the leaders in the aluminum boat field. Plant space had to be tripled to meet the growing demand. Each year since, new models have been added

to the line. Manufacturing facilities have had to be increased again and again. Today, the large modern factory of Harwill, Inc., equipped with the latest precision machinery, is producing these quality aluminum boats at the rate of several hundred every month. And once more, Aero-Craft is in the process of enlarging plant facilities to step up this production capacity still further.



◀ An Aero-Craft workman performs the keel forming operation on this specially built machine.



▲ After final riveting and finishing operations, another trim, new Aero-Craft Boat is ready to come off the production line.



◀ Here, another worker applies sealing tape at the transom seam.

SUSTAINING MEMBER,

OUTBOARD BOATING CLUB OF AMERICA

Harwill, Inc., is a sustaining member of the Outboard Boating Club of America, bound by the rules of that organization to maintain the highest standards of quality in the design and construction of boats; pledged to observe the strictest ethical principles in dealing with customers and in making advertising and performance claims for products. In conformance with these requirements, all statements made in this catalog are true to the best of our knowledge and experience.

For your own protection, be sure that the boats and outboarding accessories you buy bear the O.B.C. stamp of approval. And be sure to follow O.B.C. ratings in the use of this equipment.

HARWILL, INC. ST. CHARLES, MICHIGAN

