

# ALUMACRAFT



better  
boats and canoes  
by design

# Alumacraft preformed construction:

## ALUMACRAFT CANOES

### KEELS

A keel is the longitudinal support extending along the outside bottom of the canoe hull, and depending on its design is responsible for giving a canoe many of its handling characteristics. For instance, a deep keel will not rock like a rubber and on a larger windy lake this is desirable as it minimizes side slipping. However, a deep keel would not be desirable when running fast, shallow water as it would hinder the canoeist's ability to maneuver the canoe quickly and the deep keel would not glide over shallow water obstructions easily. Alumacraft offers three types of keels: standard, chineless, and notched. Each was designed for a specific type of canoeing. By choosing a canoe with a keel properly designed for the type of canoeing you plan to do most, your canoeing enjoyment will be greatly enhanced. Briefly described are the three types of keels.

**THE ALUMACRAFT STANDARD KEEL** occurs on the Quaker, White Hawk, Campus, 17' and Campus (Notched) 17'. This keel is a 1" deep "U" sectioned keel runs at a constant depth from bow to stern. The standard keel design minimizes the effect of side beams and this a canoe with this type of keel will track a straight course without constant corrections from or large sudden swatches of lake water.

**THE ALUMACRAFT CHINELESS KEEL** is a 1/2" deep "T" sectioned keel which is tapered to a point at each end. This type of keel is designed to show little roll, yet permit a canoeist to turn through water resistance. The result is that a canoe with a keel of this design not only tracks very well, but is extremely maneuverable and easy to handle in fast water. We recommend the Chineless Keel for canoeists who plan to use their craft on both rivers and lakes. The Chineless Keel is featured on all Quaker 16's, Quaker 17' (Chineless models), Quaker 18's, White Hawk and Campus 18's (Chineless models).

**THE ALUMACRAFT NOTCHED KEEL** which occurs on keel on the Quaker (Notched) 17' is a low offset keel which gives a canoe maximum ability to handle fast shallow water and glide over rocks and other fast water obstructions. Alumacraft's shallow draft keel is very good 5/8" deep and especially designed to take punishment and also provides lateral movement expected of a shallow water keel.



- 1 Bow and stern stems are double-thick marine aluminum for extra years of hard use.
- 2 Gunwales are extruded marine aluminum. Heat-treated for maximum strength.
- 3 Rails are extra durable, heat-treated aluminum extrusions. Choice of 2 hat designs.
- 4 Bulwags are aluminum. Heat-treated aluminum with Alumacraft's special anti-leak, flexure rated painting.
- 5 Thwarts and sleeping surface are formed design aluminum extrusions. Designed to the industry. Carrying well is standard on all models and is constructed to fit each and shoulder a full maximum weight.
- 6 Cushion-carrying pads optional.
- 7 Handless Rotation in bow and stern is perfected and backed by sturdy aluminum bulkheads. Supports canoeist in water, supports when out of water.
- 8 Deck, middle, wing, padding built-in, easy to dry, help generate maximum speed.
- 9 Bulwag trim is standard on all Alumacraft. Options are red, yellow or camouflage painted bulwags.



All aluminum canoes are B.I.A. approved.

## ALUMINUM CANOES SPECIFICATIONS

	Center Length	Maximum Beam	Maximum Depth	Transom Height	Keel Type	Number of Ribs	Maximum Recommended H.P.	B.I.A. Rated Capacity Lbs.	Approx. Weight/Lbs.	Aluminum Alloy & Gauge
<b>QT-15 Quetico</b>	15'	36-1/2"	22"		Cruising	3		760*	61	6061-T6 .040
<b>QTW-17 Quetico (Wilderness)</b>	17'	36"	23-1/2"		Standard	5		775*	65	6061-T6 .040
<b>QTC-17 Quetico (Cruising)</b>	17'	36"	23-1/2"		Cruising	3		775*	74	6061-T6 .050
<b>QTL-17 Quetico (Cruising Lightweight)</b>	17'	36"	23-1/2"		Cruising	5		775*	65	6061-T6 .040
<b>QT-17 WW Quetico (Whitewater)</b>	17'	36"	23-1/2"		Whitewater	7		775*	76	6061-T6 .050
<b>QT-17 SS (Square Stern)</b>	17' 2"	36-3/4"	23-1/2"	16"	Cruising	8	5	835*	85	6061-T6 .050
<b>QT-185 Quetico (Cruising)</b>	18' 5"	36-3/4"	23-1/2"		Cruising	4		875*	81	6061-T6 .050
<b>QTL-185 Quetico (Cruising Lightweight)</b>	18' 5"	36-3/4"	23-1/2"		Cruising	7		875*	73	6061-T6 .040
<b>C-17 Camper</b>	17'	37-1/4"	22"		Standard	5		980*	85	6061-T6 .050
<b>CO-17 Camper (Outboard Model)</b>	17'	37-1/4"	22"	16"	Standard	5	3.5	980*	92	6061-T6 .050

\*Based on B.I.A. Formula.



# ALUMACRAFT canoe



## 17' QUETICO CRUISING CANOE ▲

This sleek 74 lb. beauty has quickly become a favorite of many of the country's largest canoe outfitters. Here's why: A unique double-layered "T" keel is full depth everywhere for straight tracking, high pointing speeds and stability in lake water. And because the keel layers float with hull at bow and stern, it makes handling in fast water remarkably easy. Two counterwound rivets in bow and stern stems, built-in carrying yoke and colorful bottom trim. Carrying pads optional. This canoe also available in lightweight, easy-to-portage 61 lb. model.



## ▲ 17' QUETICO

WILDERNESS  
In the true spirit of Quetico, wilderness needs to feel like you and the wilderness. This canoe offers the required performance in both portaging and



## 17' QUETICO SQUARE STERN ▲

Designed for use with small outboard, the full size square stern on this canoe keeps you dry and comfortable, light enough to maneuver over any terrain. You have the choice when for hunting, fishing or putting all in one. Rubber carrying yoke is included for easy portaging. Pivoting and portage pads optional.

**CANOEING** . . . . . America's new Round Trip system. Canoeing is one of the best ways to not only enjoy the great outdoors, but to experience the joys of paddling that truly live here. With Alumacraft's complete line of canoes you can choose the exact model to meet your specific canoe requirements and enjoy to the maximum the joys of canoeing.

Optional Canoe Accessories include: 1 cushion Carrying Yoke, Rubber Yoke Type Gel Top Carriers, Lightweight Pivoting Canoe Anchor, Deluxe Pivoting, Side and End Mount Outboard Motor Brackets, and Safety Manifold Pivoting Stabilizers.



## 17' QUETICO WILDERNESS ▲

The shortest distance between two points is a straight line. And that's where this Quetico comes into its own. Now the deeper standard keel is modified to provide easy without constant correction. Even on a windy lake, this canoe is so easy to control it makes beginners look like experts. Built-in curved carrying yoke and colorful bottom trim standard. Carrying pads optional.



## QUETICO 15 ▲

Here's Alumacraft's new 61 lb. portage of easy handling fun. A 15-foot featherweight with double-layered Cruising keel, preformed carrying yoke is standard equipment. It's the ultimate in portaging ease. Whether river or lake, the new Quetico 15 makes canoeing more fun than ever before. Carrying pads optional.



# ALUMACRAFT

## FISHING BOATS

- 1** One-piece keel and stern, preformed to hull contours.
- 2** Bilge keels preformed of aluminum extrusions.
- 3** Hull stretch-formed in port and starboard halves.
- 4** Self-draining preformed hull ribs.
- 5** Transom drain.
- 6** Aluminum transoms sand-wetted between sturdy wood master mounts to cut down water attraction and noise.
- 7** Solid cast-aluminum transom knee brace for extra support standard on all fishing boats except models A & E.
- 8** Custom-designed castings lock to gunwales for added rigidity, double as carrying handles.
- 9** Extra-heavy extruded preformed gunwales.
- 10** Cast-aluminum outlock sockets with noiseless stainless bearings.
- 11** Self-draining Agnetek transoms standard on models FD, F-6, F-11.
- 12** Preformed spray rails.
- 13** Maintenance-free, safety flotation seats with clear vinyl coating for oxidation prevention.
- 14** Gas resistant safety foam flotation.
- 15** Non-skid, non-glare finish on side hull bottom.
- 16** No sharp corners or edges.
- 17** Optional forward deck.
- 18** Optional steering and side steering deck.
- 19** Non-glare satin finish.
- 20** Car storage brackets.

# g boats

ALUMACRAFT

## 16' YUKON II MODEL ➤

Newest addition to the Alumacraft fleet, this sleek 16 beauty combines performance with enough ease to give fishermen the ideal 16 aluminum fishing boat they have been looking for. Available with either 15" or 20" transoms. Included is standard equipment in Alumacraft's famous Angledeck line, which adds safety when encountering rough waters. With a large assortment of easy-to-mount optional accessories, any fisherman can custom equip this boat to fit his own requirements. Yukon models are 48" for utility model 50 hp.

**Optional Accessories:** For Storage Deck, Side Hatch, Cable or Wire Hoisting, Hoisting Cradle, Cable Bow Lin, Wire Lin, Wood or Aluminum Gunnel, Forward Chair.

## MODEL F9 ➤

the beam and full demand. A new aluminum cut rough, Lake Master the strong boat. Choose with Alumacraft's to outboard up

mechanical or Cable Hoisting, Forward Chair Lin, Wire Anchor, Removable Gunnel, Wood or Metal Chairs.

## YUKON II UTILITY MODEL ➤

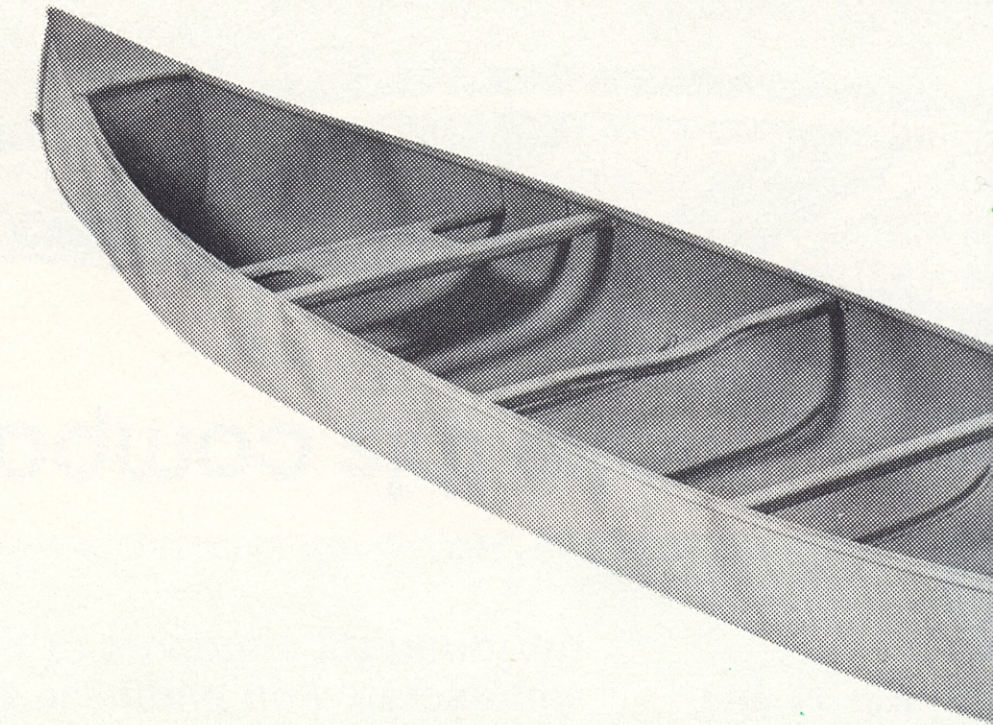
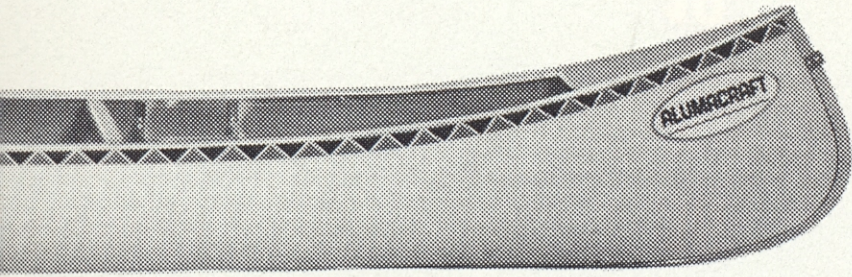
With factory installed mechanical cleaving and cleaving deck, the F9 Lake Master and Yukon II make an ideal utility boat for fishing, water skiing or outboard fun. Utility models F9 and Yukon II rated for 50 hp, are available only with 20" transoms.

## ALUMINUM FISHING BOATS SPECIFICATIONS

	Overall Length	Cockpit Length	Maximum Beam	Maximum Depth	Engine Height	Maximum Recommended HP	G.L. or Boat Capacity (lbs.)	Approx. Weight (lbs.)
8-Cruiser Deluxe	12' 6"	12'	49"	14"	15"	40"	750	1000
87 Angler	12' 10"	12' 3"	50"	26"	15"	50"	875	1200
88 Bomber	14' 1"	13' 7"	49"	14"	15"	40"	800	1100
89 Fisherman	14' 8"	14'	50"	14"	15"	50"	850	1150
90 Fisherman Deluxe	14' 9"	14' 1"	50"	17"	15"	50"	900	1200
91 Lake Master	16'	14' 2"	44"	30"	15' 10"	50"	845-1100	1150
92 Lake Master Utility	16'	14' 2"	44"	30"	20"	50"	900	1200
93 Yukon II	17'	14' 2"	48"	30"	15' 10"	50"	1100-1300	1500
94 Yukon II Utility	17'	14' 2"	48"	30"	20"	50"	1200	1600

Standard, Polartec High Profile Stern, optional flares.

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pads  
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**CAMPER 17'**  
Ideal for all canoe co  
and 22" depth to pro  
carrying capacity of  
as an optional acces

## ▲ 17' QUETICO WHITEWATER

In the true tradition of the famous Quetico design we proudly introduce the Quetico Whitewater canoe. Equipped with rugged shoe keel, countersunk rivets in keel stem area, two extra ribs for increased strength and durability. Add the features of heat-treated .050 gauge 6061 marine aluminum alloy, plus the reputation of Quetico's great performance, the Whitewater canoe enthusiast has truly a superb craft. Weighs only 76 lbs., carrying yoke standard; pads and painting are optional.

# ALUMACRAFT better boats and canoes by design

Why should you buy an Alumacraft? One reason is the Alumacraft reputation for performance, styling and dependability. But that's not the most important reason.

You see, of the many hundreds of small boat builders in the United States, only a little over 20% have been making boats certified by the Boating Industry Association. In other words, just 100 manufacturers can assure you that their boats meet the current certified safety standards. Alumacraft is proud that every Alumacraft fishing boat and canoe is B.I.A. certified and meets the safety standards of the Federal Boating Safety Act.

This pride in craftsmanship is a tradition at Alumacraft. A tradition that goes

back to 1960 when Alumacraft introduced the boating industry's first aluminum fishing boats. At that time, we pledged to design and build the finest and safest fishing boats and canoes in the industry.

We've emphasized seaworthiness. In other words, a hull design that offers stability and safety, even under adverse conditions. We've emphasized freedom from maintenance. That's why Alumacraft's all-aluminum hull looks new indefinitely and adds tremendously to the resale value. The natural-riched finish means you won't have to spend your leisure time touching-up nicks or scratches. Those are just a few reasons every Alumacraft Fishing Boat and Canoe carries a full factory warranty.

## LET'S GET TECHNICAL . . .

Alumacraft uses 6061 marine aluminum alloy, which is considered the very finest, in all of the canoe and fishing boat hulls. This alloy contains silicon and magnesium and is heat-treated to give exceptionally high strength. Alumacraft uses this alloy in stretch-forming for hulls as well as extrusions for keels, gunwales and sprays. 6061 marine alloy has excellent resistance to corrosion and proves very durable even when used in salt or polluted water. Through heat-treating and stretching processes, this alloy is hardened to a T-6 temper strength and will withstand impact up to 42,000 pounds per square inch before puncturing.

## the alumacraft stretch form story

We at Alumacraft are proud of the fact that we pioneered the famous stretched hull construction, which has set the standard for the entire industry.

The picture below shows a flat sheet of highest quality 6061 alloy marine aluminum being stretched on one of Alumacraft's hull stretching machines. Note how the flat sheet has been shaped under 60 tons of stretch pull to form the entire starboard side of the fishing boat hull. (One thing that very few people, other than metallurgists, realize is that when this special alloy is stretched over a die, it hardens and actually becomes much stronger than the flat sheet.)



Prior to riveting the two preformed sides together, an adhesive sealant is applied and the two halves of the hull are then spotwelded in place. Alumacraft hulls have but a single seam covered up with a keel so there are no vulnerable seams to give you a weak spot. In addition, considerable strength is added to the hull through the oldest engineering principle known, the arch or compound curve which is permanently formed into the hull.

This is the final assembly area where the preformed transoms, seats, ribs, castings, and other integral parts are riveted to the basic hull. Alumacraft boats and canoes do not just happen. They have been developed over the years by the finest marine designers in the business and fabri-



cated using the finest materials and techniques in the industry. When you buy an Alumacraft, you purchase a boat or canoe designed for a lifetime of pleasure.

## don't be misled by specification sheets...make this comparison



Ordinary boats are narrower at waterline—actually have less usable seating area. Also, multi-piece hulls contain more seams and rivets which can leak and cause future high maintenance costs.

Alumacraft's usable space is where you need it—not only provides more comfort, but also gives greater stability, safety, capacity and performance.



# ALUMACRAFT

## BOAT COMPANY

215 WEST 32nd AVENUE STREET      PHONE 607 753-1400  
ST. PETER, MINNESOTA 55075

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# JON BOATS

## The most versatile fishing boat afloat...

■ Heavy duty, preformed, extruded ribs, which extend up the hull sides for greater strength. More and heavier ribs give ALUMACRAFT JON BOATS strength and rigidity seldom found in competitive crafts. Rivet problems are virtually eliminated.

■ 5052 special marine aluminum alloy—50% stronger gauge for gauge than alloys used in construction of most competitive models.

■ Heavyduty cast aluminum knee casting supports transom.

■ Sturdy transoms 1-3/8" thick, where motor mounts, with specially treated plywood inboard extending full width and depth of transom. Aluminum inboard motor pad.

■ All seats have one-inch front and back flange for easy securing of portable type seats.



■ Seats fitted to hull contour but not riveted to bottom for greater strength and longer life.

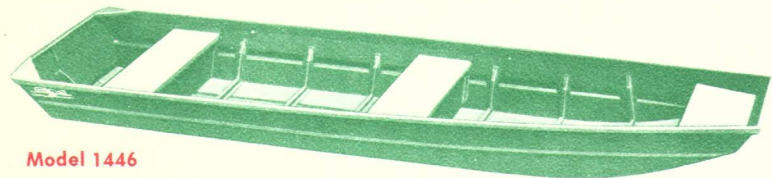
■ Gas resistant foam flotation, floats the boat and passengers even if awash.

■ Hydraulically pressed keels and side stiffeners.

■ Heavy duty extruded gunnels.

■ Transom drain plug assembly.

# 12 Quality Models of **ALUMACRAFT** JON BOATS



Model 1446

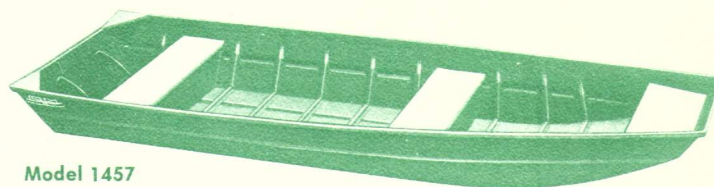
## Deluxe Line Jon Boats

A very popular fishing and duck hunting boat featuring all the standard Alumacraft quality features. The two regular line models are equipped with automatic bailer. High-quality primer and vinyl paint used on entire hull. These are extremely easy handling prams with low horsepower requirements. Stern and bow lifting handles are standard equipment.

MODEL	LENGTH	BEAM	BOTTOM WIDTH	TRANSOM HEIGHT	SIDE HEIGHT	HULL THICKNESS	H.P. RATING	BIA RATED CAP. LBS.	APPROX. WEIGHT
1246	12'	46"	30"	15"	15-1/2"	.051	5	380	95
1446	14'	46"	30"	15"	15-1/2"	.051	7-1/2	450 <i>482</i>	105 <i>118</i>

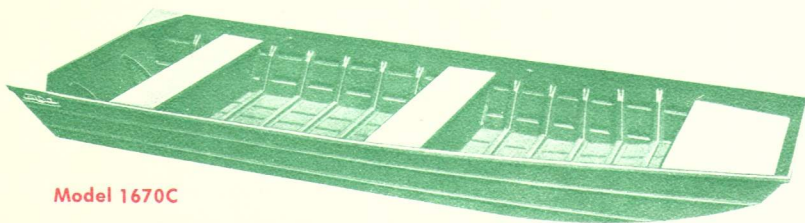
## Superior Line Jon Boats

These deeper and wider models provide this extra room for comfort, safety and stability. Lightweight and easy to lift with two stern and a bow carrying handle. The deep sides and wide bottom provide the perfect boat for float trips and weekend outings. Ideal for large lake use as well as river boating.



Model 1457

MODEL	LENGTH	BEAM	BOTTOM WIDTH	TRANSOM HEIGHT	SIDE HEIGHT	HULL THICKNESS	H.P. RATING	BIA RATED CAP. LBS.	APPROX. WEIGHT
1247	12'	47"	32"	15-1/2"	18"	.063	10	500 <i>467</i>	115
1447	14'	47"	32"	15-1/2"	18"	.063	10	600	130
1257	12'	57"	36"	15-1/2"	18-1/2"	.063	15	600	145
1457	14'	57"	36"	15-1/2"	18-1/2"	.063	20	740 <i>634</i>	165 <i>155</i>
1657	16'	57"	36"	15-1/2"	18-1/2"	.063	25	885	190 <i>180</i>



Model 1670C

## Commercial Line Jon Boats

Alumacraft's Commercial Model Jon boats feature .070 gauge aluminum hulls (except 1457C Model). Two transom knee castings and heavier gauge ribs. This is a boat you will be proud to customize as your very personal boat as it is built to be your fishing companion for years of fishing fun and adventure.

MODEL	LENGTH	BEAM	BOTTOM WIDTH	TRANSOM HEIGHT	SIDE HEIGHT	HULL THICKNESS	H.P. RATING	BIA RATED CAP. LBS.	APPROX. WEIGHT
1457C	14'	57"	36"	15-1/2"	18-1/2"	.063	20	740	170
1562C	15'	62"	43"	15-1/2"	19"	.070	25	900	240
1470C	14'	70"	48"	15-1/2"	20"	.070	25	950	250
1670C	16'	70"	48"	15-1/2"	20"	.070	35	1180 <i>1055</i>	270
1870C	18'	70"	48"	15-1/2"	20"	.070	40	1375	285

## Optional Accessories

- Oarlock Sockets
- Oarlock Horns
- Side Steering Decks

- Exclusive Portabase Seat Clamps  
(Allows easy mounting and transverse movement of portable seats.)

- Livewells available on Model 1457 and Model 1470C only.

**All models backed by Alumacraft Warranty.**

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