

# CaseHistory

## Premium Quality Sportsfishers

**Resin:** Altek® unsaturated polyester laminating resin

**Composite Applications:** Decks, flying bridges, interior liners, engine liners, hatch covers, fish boxes, bunks and more

**Manufacturing Process:** Hand Lay-up

**Yacht Range:** 32 to 52 feet  
(9.8 to 15.8 meters)

At Cabo Yachts every decision in the boatbuilding process is designed to reinforce the company's reputation as a world leader in premium quality sportfishers. For most of its resin requirements, Cabo Yachts' decision has been to nurture its long-term partnership with AOC.

"The Cabo Yachts-AOC relationship has been developed from both sides and is built on a lot of respect for each other," says Barry Smith, Tooling and FRP Production Manager for Cabo Yachts. "At Cabo Yachts, we hand-select our suppliers and maintain a relationship built on loyalty. We expect a lot from our resins. AOC has always provided the formulation, the logistics and the service we need to maintain our extremely high levels of quality."

Cabo Yacht quality is delivered in 32- to 52-foot (9.8- to 15.8-meter) sport fishing boats that are



*Finished Cabo Yachts await preparations for shipment to their proud new owners.*

sold around the world to discerning individuals. The company's global status has earned it a U.S. Department of Commerce Export Achievement Certificate. And workmanship was recognized by industry peers when a Cabo Yachts sport fishing boat won the "The Peoples Choice" Award at an annual convention of the American Composites Manufacturers Association.

## Premium Quality Sportfishers, continued



*To effectively get around the tight corners of complex inner liners, skinning out is accomplished with a chopper gun.*

### Handcrafted quality

Cabo Yachts are created by highly skilled craftsmen who primarily use the hand lay-up process to combine marine resins with fiberglass roll goods. The resin used for hulls and stringers is vinyl ester, while most composite applications combine an unsaturated polyester laminate with a thin vinyl ester barrier layer.



*Cabo Yacht decks are handcrafted of fiberglass roll goods and AOC resin by highly skilled workmen.*



*The surface of the deck-in-progress is mechanically ground to ensure good adhesion of the next layer of composite laminate.*

To meet the majority of Cabot Yachts' resin requirements, AOC supplies the general laminating resin for Cabo's composite production. Applications that incorporate AOC resin include interior liners, engine liners, hatch covers, fish boxes, bunks, decks and flying bridges on Cabo's top-of-the-line "Flybridge" models. AOC resin is also used to manufacture the hydraulic-lift helm decks.



*In Cabo Yachts' clean, modern facility, AOC resin is used to mold decks, flying bridges, and a host of smaller components.*

## Premium Quality Sportsfishers, continued

These unique lift decks which allow easy access to the engine compartment are a signature feature that sets Cabo Express models apart from other sportsfishers.

Cabo Yachts' tight inventory control ensures resin is used on a first in-first out basis. Eschewing bulk resin logistics, Cabo Yachts specifies that resin be delivered in drums that are upon receipt are stored in special rooms where resin is acclimatized under conditions that are maintained throughout the manufacturing process.

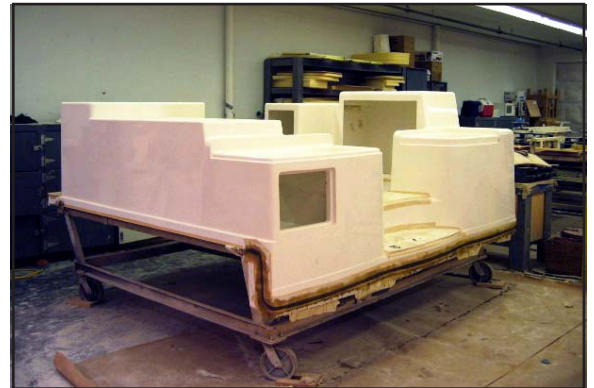
“We can't be worried about extremes,” Smith explains. “We use only new and clean drums and dispense right from the drum. Details about resin production are documented on the label by AOC plant in Perris, California, which is just down the Interstate from us. I've been to refineries and other chemical 'cooking' facilities and have never seen one as clean and as organized as AOC's Perris plant.”

“The Perris facility offers a level of quality and service that makes it an integral part of our production system,” Smith continues. “In addition to quality manufacturing, AOC provides excellent sales support and very knowledgeable and responsive technical service. Everything about AOC is first-class.”

Bill Longest, Technical Service Manager for the Perris plant, points out that AOC has a similar perspective about the customer. “AOC and Cabo are in a unique partnership where all goals become mutually-shared goals,” he says. “We talk to each other often in a very open environment. We make Cabo part of AOC. They make AOC part of Cabo.”

### About Cabo Yachts

Founded in 1991 by boatbuilding legends Henry Mohrschladt and Michael Howarth, Cabo Yachts is located in Adelanto, California. From the flagship 48 Flybridge to the 32 Express, the entire Cabo Yachts line offers unmatched workmanship, engineering and performance in boats designed and built with a single goal -- perfection. For more information, phone (760) 246-8917 or visit [www.caboyachts.com](http://www.caboyachts.com) on the Internet.



*Cabo's unique hydraulic-lift helm deck on Express models provide easy access to the engine (top photo: curing in the shop; bottom photo: installed and in use).*

### About AOC

Headquartered in Collierville, Tennessee, AOC is a leading global supplier of resins, gel coats, colorants, additives and synergistic systems for composites and cast polymers. Hydropel® high performance marine resins and gel coats and Altek® general marine laminating resins are manufactured using proprietary AOC process controls that ensure batch-to-batch consistency. For more information, contact Steve Martin by phoning (901) 854-2847, e-mailing [smartin@aoc-resins.com](mailto:smartin@aoc-resins.com) or visit [www.aoc-resins.com](http://www.aoc-resins.com) on the internet