

**FORMULA**

**FAST<sup>TECH</sup> 1999**

# Formula leads the way

quality in every detail



In the elite world of high-performance boating, Formula FAS<sup>2</sup>TECH continues to assert front-runner status. Formula's advanced Speed, Stability and Structural technology brings out the very best in each Performance hull. The resulting five to six miles per hour increase in

top-end speed is critically balanced by solid, controllable handling. Combining all the factors that performance boaters want most, Formula FAS<sup>2</sup>TECH is way out front.

The FAS<sup>2</sup>TECH hull delivers decisive tracking plus a consistently soft ride that smooths out landings to a surprising degree. Optimum performance is achieved through the custom, multiplaning surface designed specifically for each FAS<sup>2</sup>TECH model.

Crucial structural integrity is accomplished by a custom-engineered internal matrix. This fiberglass reinforcement grid filled with polyurethane foam melds to the hull by means of a fail-safe chemical bond and results in a degree of strength and endurance never before possible. Special coring materials, custom-stitched triaxial fiberglass and use of AME

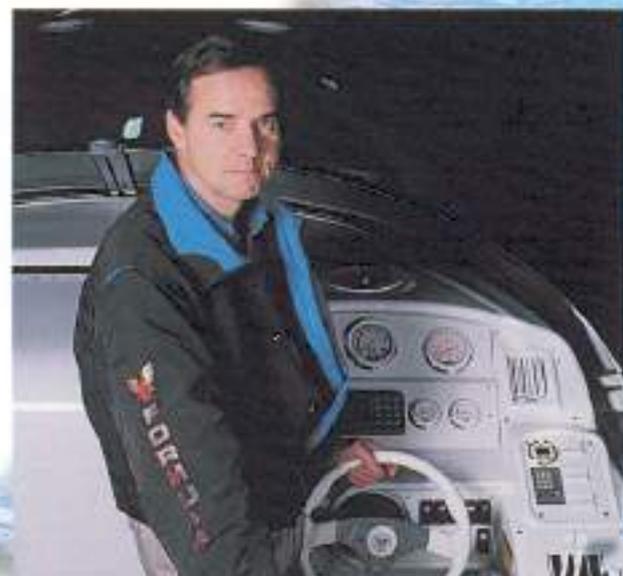
5000<sup>+</sup> resin throughout the lamination process also contribute to the 14% greater integral strength achieved.

Cockpit and cabin detailing for '99 is top quality in every way. State-of-the-art racing style bolsters and electrically powered footrests are unchallenged in technical advancement and correct ergonomics. With comfort and beauty as essential design elements, the strong, elegant cabin decor is exactly right. Components are skillfully integrated, creating the distinct impression of perfect proportions.

As for hull and deck graphics, Formula is undoubtedly master of the art. With three-color graphics available in three different Imron<sup>®</sup> designs, or four-color combinations available in two designs, the number of different selections has increased appreciably. Or, decide on one of three Platinum level Imron<sup>®</sup> designs. As the ultimate personal statement, your FAS<sup>2</sup>TECH Formula says it all.

**In the select realm of high-performance powerboating, Formula FAS<sup>2</sup>TECH is Number One!**

# to highest quality



### The Porter Family—boaters like you.

Thunderbird's tradition of excellence has been growing steadily since its beginning in 1956. When the Porters took charge in 1976, Vic Porter had already been building boats since 1958. Over the past twenty-plus years, the Porter family has brought Thunderbird to the forefront, insisting on the highest quality product and responsive, customer-oriented service. Strongly committed as owner-managers, the second generation of Porters now leads the company. With Scott Porter as president and three of his brothers and a sister in executive positions, the family works together for continuous product improvement. Chairman and mentor Vic Porter still vigorously advances Thunderbird's mission of premium quality. The Porters share many childhood memories of happy, carefree times on the water. They know first-hand that well thought out, top-quality features can and do make a great deal of difference in personal boating enjoyment. They are determined that every Formula is as good as promised.

### Our Modern Manufacturing Facility—home of Formula quality.

Our facility is equipped with the very latest in advanced technology to ensure Formula's superior level of quality. Touring the impressive plant located in the Midwest is an amazing experience for first time visitors. Employees readily convey their enthusiasm for doing the job right every time.

### Employee Involvement—it makes all the difference.

The employees pictured above are the major reason your Formula is produced exactly as you want it. Many employees serve on either an Employee Involvement or Self-Directed Work Team. During weekly meetings, members consider ideas suggested and work constantly to make improvements and to increase overall quality and efficiency. This naturally achieves a progressively higher level of Formula owner satisfaction. As a Formula owner, you will appreciate this quality difference each time you boat.

### National Marine Manufacturers Association—certified integrity.

Thunderbird is a charter member of the National Marine Manufacturers Association, and all Formulas meet or exceed Association safety-based certification requirements. This official certification, displayed in each Formula, demonstrates a continuing commitment to product integrity and your safety as an owner. You should be aware that a number of other boat manufacturers advertise as association members, yet not all their boats qualify for certification.

### Five-Year Warranty—your guarantee of lasting value.

Formula issues a five-year warranty with each new Formula. Covering deck and hull structure, the warranty is

also transferable during the five-year period. This commitment to long-term satisfaction ensures that your investment is well protected and retains a high value for years to come.

### Formula Reliability Center—super service.

Formula dealers are expected to be up-to-date in product knowledge and to provide expert mechanical service. Stocking parts to keep Formula boaters on the water is also rated as essential. Each dealer relies on a Formula technical assistance representative to answer special service questions. We routinely supply dealers with technical information through product update bulletins. As a new Formula owner, two surveys encourage you to share comments and to rate your dealership's professionalism during and after the sales transaction. We work with your dealership to make sure you receive expert service quickly, so you are out on the water whenever you want to be.

### Designer John Adams—artistry that works.

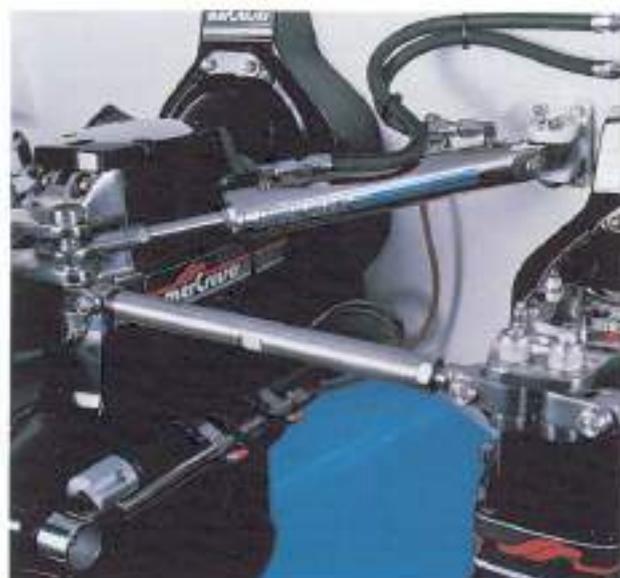
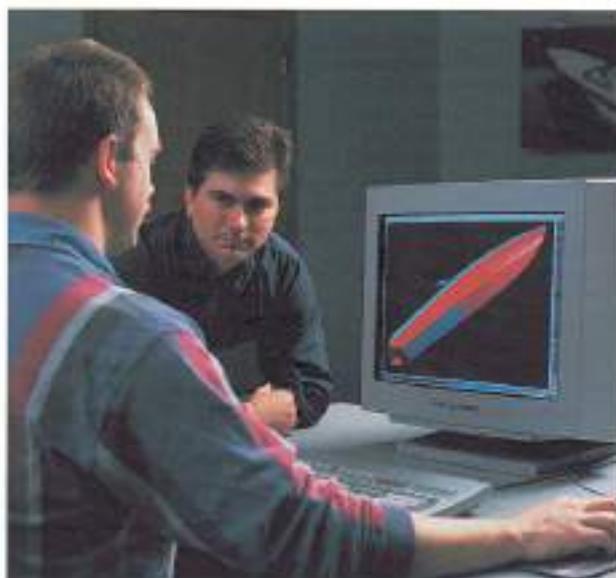
For over 25 years, John Adams has been designing Formulas in a sleek, avant style that blends form and function to perfection. From the distinctive silhouette to the precisely engineered features and inspired details, Adams keeps Formula on the cutting edge of technical design. It's no wonder that Formula performance attains award-winning status year after year. With John Adams' design choices, from the latest colors for cockpit and cabin to ever more exciting Imron® designs, your Formula is unique on the water. It's a designer original that perfectly conveys your personal sense of perfection and style!



# Design is critical to us.

## Is it this important

### FAS<sup>3</sup>TECH™



**Exclusive FAS<sup>3</sup>TECH™ Hull—scientific Formula.** The goal: increase Formula speed without sacrificing safety or handling. The result: the FAS<sup>3</sup>TECH™ hull, now engineered for every Formula performance model. After years of study and exhaustive testing we invite you to experience it yourself.

**FAS<sup>3</sup>TECH™ Speed—FAST Formula.** You want adrenaline-pumping speed? Enter the now-famous FAS<sup>3</sup>TECH™ hull. Extensive testing by the industry's toughest watchdogs has proven that FAS<sup>3</sup>TECH™ isn't just another "step bottom," but an intricate, multi-plane hull unlike any other in the marketplace. FAS<sup>3</sup>TECH™ delivers speed increases of 5 to 6 miles per hour over conventional deep-V hulls with identical weight and power. It's a difference you'll like a lot when you're in the mood to move out fast.

**FAS<sup>3</sup>TECH™ Stability—the ride you've been looking for.** The stability engineered into a FAS<sup>3</sup>TECH™ hull makes you feel like a pro behind the wheel. FAS<sup>3</sup>TECH™ provides superior pitch and roll stability and a softer reentry. This is



achieved through step location and specific placement of strakes, pads and chines. It's the ride that always brings a big smile to your passenger's face!

**FAS<sup>3</sup>TECH™ Structure—can take it out on the "big blue."** To maximize strength and rigidity in the FAS<sup>3</sup>TECH™ hull bottom, sides and deck, we worked directly with a fiberglass manufacturer to design our own custom triaxial fiberglass. Reorienting the fibers to our specifications increased strength by 14% over standard triaxial fiberglass. 100% Ashland AME® 5000 resin is applied throughout the lamination process, along with special coring materials in the hull side and deck. Then, in the 271, 312, 353 and 382, a unique fiberglass structural grid is permanently bonded to the hull. You can be certain your new FAS<sup>3</sup>TECH™ is built specifically for rugged offshore conditions.

**R&D—brings Adams' designs to life.** Formula's focus on excellence begins in a model's earliest stages of development. First, the deck and hull of each new boat are painstakingly replicated by our engineers in an advanced computer-aided design system. Using state-of-the-art software to create a three-dimensional boat on-screen, complex systems and components are properly positioned. Instantly available for reference, the exact dimensions and location of every part is stored to relay to the computer-controlled routers. During production of cabinets, storage areas and structural components, this consistent accuracy ensures that your Formula FAS<sup>3</sup>TECH™ is not only the best in design, but it is also executed precisely.

Meanwhile, a full size model or "plug" is built by hand, requiring months of exacting work. Using this symmetrical master, production molds are formed. Full-scale cabin and cockpit mock-ups are created to fine-tune ergonomics and space utilization. Formula's Research and Development Department fabricates each perfect mold used in production.

**CAD/CAM Technology—consistent accuracy.** While many time-honored techniques are employed in developing a new Formula, the key to the final perfection of each part is the \$250,000 state-of-the-art CAD/CAM system. Stringers, plexiglass doors, mirrored panels, countertops and many other components are cut to exact specifications filed in the CAD/CAM computers. The Computer Numerically Controlled (C-N-C) routers maintain accuracy to within thousandths of an inch for a consistently precise fit.

Look for this fit and finish everywhere in a Formula. Sidewalls and headliners meet exactly—no bead welt is necessary to hide faulty design or execution. Cabinets are contoured to conform to walls. In the cockpit, coaming panels fit snugly, with no need to fill gaps.

**Pultrusion Reinforcement—added strength in critical areas.** Specially shaped fiberglass supports, or pultrusions, are placed in the hull where added torsional strength is needed, such as under fuel tanks and engines. These pultrusions, custom-fabricated to Formula's specifications, are bonded to the hull using Plexus® adhesive to ensure structural integrity with no hull distortion.



# in other boats?

structure



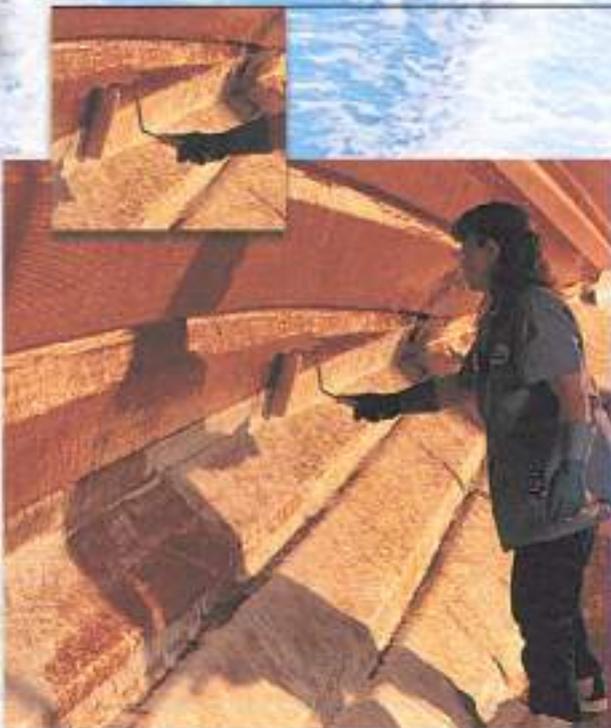
A specialized combination of fiberglass mat is layered with high grade resins and hand-rolled in place.

**AME® 5000 Resin—lasting flawless finish.** Although AME® 5000 costs twice as much as general purpose resins, Formula specifies its use because it is the best resin available. This modified epoxy, low-VOC marine resin produced by Ashland Chemical is applied with all layers of fiberglass in every Formula FAS Tech™ hull. AME® 5000 protects and preserves the surface gelcoat with its exceptional strength and resiliency while providing more flexibility and greater resistance to crazing, distortion and osmotic blistering. AME® 5000 throughout lamination is your assurance of a long-term, top-quality exterior finish.

## Hand-Laid Lamination—if all starts here.

The gleaming exterior of a Formula, gelcoat, is first sprayed evenly into a carefully maintained mold. Then, pre-cut shapes of fiberglass, including mat, woven roving and a specially fabricated, custom-stitched triaxial are layered with AME® 5000 resin. High-tech equipment ensures the exact ratio of catalyst to resin. Each layer of glass is hand-rolled and squeegeed for uniformity and to eliminate air pockets. Divinycell® eoring and Coremat® are also utilized in designated areas for added lightweight strength and the prevention of laminate weave print-thru.

Formula's lamination schedule requires several days of cure time in the mold. Volume-driven manufacturers rush the process and release a molded part after a day, which often leads to a foggy finish and surface distortion. Thunderbird's exacting lamination schedule ensures your Formula's smooth, flawless finish and its reliable offshore integrity.



**Formula Lab Testing—nothing is left to chance.** At Thunderbird, thorough testing ensures a superior finished product, so you spend a lot more time boating and a lot less down time for repairs. Every Formula component, system and construction material is subjected to prolonged testing under conditions far more severe than normal use. Only the most reliable, most durable items are selected for a Formula.

To ensure the continuing beauty of a mirror-like finish, each arriving shipment of resin is analyzed in Thunderbird's chemical lab before it is approved for use in your Formula.

Thunderbird also carefully controls the temperature of the resin throughout storage and application, a vital step to ensure consistent results.

## Component Superiority—only the best.

At Thunderbird, component reliability is paramount. Only the best products with the best service support are considered. When evaluating new components, trained technicians in Formula's Research and Development Department first determine the quality and endurance of each item. Weighing the results, a detailed recommendation or rejection follows. If the item fails to meet our tough standards, you won't find it in a Formula.

## Suspended Structural System—essential integrity.

Each Formula hull is reinforced with a custom-engineered matrix that is much stronger than the usual stringer system. In the 419, the 37", seven-ply boat panel stringer is entirely encapsulated in resin and is laminated to the hull while suspended on jigs fixed to the mold. Using biaxial fiberglass as a bridge, this



unique suspension method eliminates contact distortion in the hull.

In the 271, 312, 353 and 382 FAS Tech™, this framework is a one-piece fiberglass grid bonded to the hull using Plexus® adhesive as the bridge, eliminating contact distortion while increasing strength. The grid system is the culmination of thousands of hours of research, prototyping, tool construction and real-world testing. The multiple spans in the grid are designed to distribute load forces generated by intense offshore conditions to the entire hull. This is effectively accomplished by the Plexus® chemical laminate-to-laminate bond. Composed of woven fiberglass and AME® 5000 resin, the grid is unparalleled as a structural foundation for high-performance marine construction.

Formula's exacting techniques in the area of structure means that your cabinets, seats and storage compartments are installed on a sturdy, level base and fit perfectly every time. So, your Formula not only looks great, but is built strong enough to hold its own offshore.



# It's all in the details.

# And details are

meticulous



#### Foam Injection—a solid, quiet ride.

Filling the grid with structural rigid polyurethane foam adds further integral strength and positive flotation to all Formulas. You'll appreciate another benefit of foam construction: while boats without foam have a hollow, drumming sound going over the waves, the FAS<sup>TECH</sup>™ ride is exceptionally solid and quiet.

#### Molded Cockpit—one continuous piece.

Every Formula is designed with a continuous, one-piece foredeck and full cockpit. Molded entirely in fiberglass, this greatly increases integral strength. Sleek, unbroken lines with years of lasting beauty and easy, seamless maintenance make this a feature to insist on.

#### Bonded Deck and Hull Joint—unitized structure.

To join the deck and hull, Formula uses a remarkably tenacious bonding agent, Plexus<sup>®</sup>. The resulting chemical meld is inseparable, far stronger than any laminated joint. This rugged durability is extremely important offshore where wave action takes its toll on all but the strongest construction.

#### Bolted Deck and Hull Joint—fail-safe protection.

After bonding the deck and hull with Plexus<sup>®</sup>, 1/2-inch stainless steel truss-head thru-bolts and stainless steel load-distributing backing plates are placed along the joint at 18-inch intervals. This fail-safe procedure means you can be certain that this joint is never going to leak or break apart.



#### Stainless Bolts & Backing Plates—rugged reinforcement.

When cleats and other hardware are installed, stainless steel backing plates and stainless steel bolts with nylock nuts are used for reinforcement. We also align all the head slots as a finishing touch! Our hardware isn't just "lagged in," like some, but is attached in the most rugged way for integrity you can count on.

#### Flexible O-Rings—seal up tight.

Formula places a flexible O-ring under the head of each bolt to effect an invisible, watertight seal. Unlike silicone applications, bolts can be adjusted if necessary and the O-ring continues to prevent leaks when it is reseated.

#### Curved Glass Windshield—clearly the best.

Formula's curved, tinted, tempered windshield is angled to deflect the rush of air from your eyes. Plus, it provides excellent visibility with no distortion. Formula 419 and 382 FAS<sup>TECHS</sup>™ can also be enhanced with a polished stainless windshield frame for even greater strength and beauty.

#### 316L Stainless Steel Rails—top-grade finish.

All Formula safety rails are welded 316L stainless steel, the highest marine-grade stainless available. Check out the stainless rails on other boats. If it isn't 316L, it isn't good enough.

#### "Open Trap" Battery Box.

Formula uses a corrosion-resistant, non-conductive marine battery box. The "open trap" design ensures that battery gases cannot build up, and it also prevents accumulation of acid fumes and excess humidity.

Formula specifies deep-cycle house batteries as standard in the 419, 382, 353 and 312 (available in the 271). Deep-cycle batteries can be recharged repeatedly without losing strength. This is another way we build in reliability to keep you on the water.

#### Engine Mounts—maximum security.

While lag-bolting engines into place is common, Formula thru-bolts all FAS<sup>TECH</sup>™ engines using angled, 1/2" aluminum race-style motor mounts designed to take a beating. So, your FAS<sup>TECH</sup>™ is properly assembled to withstand the tremendous torque created by the engine at full throttle.

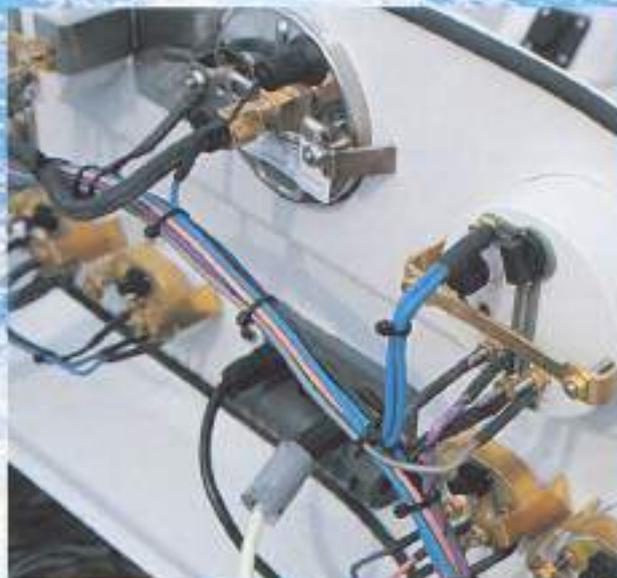
#### Silent Thunder<sup>®</sup> Exhaust—we invented it.

Since you want to experience maximum FAS<sup>TECH</sup>™ performance without the ear-splitting roar, Thunderbird invented Silent Thunder<sup>®</sup>, a highly effective muffling system. Integrated in the swim platform, this patented system results in an eight- to twelve-decibel decrease in thru-hull exhaust noise. There is virtually no loss of power, so top speeds are not diminished. As you fly by in your Formula, Silent Thunder<sup>®</sup> sound emissions are reduced significantly, so you enjoy high-performance boating without annoying others.

#### Electrical Service—depend on it.

Formula is famous for its meticulous electrical circuitry. Instead of pre-insulated connectors common in the industry, each Formula connection is individually secured with a visible crimp. The resulting fail-safe connection is then insulated with double-walled shrink-tubing—the inner wall of hot-melt adhesive forms an impenetrable barrier against water and corrosion, and the outer wall insulates the connector to prevent shorts.

# what a Formula is all about.



Formula wiring harnesses consist of color-coded wires for easy identification which are routed through flexible conduit for protection and security. If service is necessary, the uniquely hinged FAS' TECH™ instrument panel makes service more a pleasure than a chore. Plenty of harness slack is provided so the panel can be easily removed to work on. You can depend on Formula electrical systems to be up and running for all your good times on the water.

#### Heavier Gauge Wire—bigger is better.

In many places, Formula uses heavier wire than the industry norm for maximum reliability, extended life for motorized componentry, and less maintenance overall. To further ensure trouble-free service, all major harness runs are integrated with transparent, multiple pin quick disconnects that are tie-wrapped together and taped at each junction. These extra measures create a secured, weatherproof connection that is far superior to other methods commonly employed.

#### Noise Suppression System—

all the music, none of the static. Thunderbird installs a custom-designed noise suppression system that effectively eliminates the alternator's interference in stereo performance. Whether you like to listen to classical, jazz, country



or rock, you enjoy every last note without static, even with the engines running. This important detail increases Formula boating pleasure for you.

#### Formula's Trim-In-The-Handle—the control you want.

Formula's exclusive trim feature in the throttle handle allows you to adjust all outdrives simultaneously without removing your hand from the throttle. While there are imitations, Thunderbird worked directly with Kiekhaefer® to conceal the wiring. Plus, our soft-touch rocker mechanism is sealed with a non-skid surface for positive action. Expertly designed and engineered, it's definitely the best.

#### Rocker Control Switches—reliable and waterproof.

Formula's accessory rocker switches are backlit for easy function identification and ready access. They keep you in touch with all systems. Plus, specialized design prevents any water from seeping under and causing a malfunction.

#### E-T-A® Circuit Breakers—hassle-free protection.

Formula protects your boat's electrical system with circuit breakers from E-T-A®, long recognized as a leader in overcurrent protection. E-T-A® circuit breakers are used in high-end marine, aircraft, military and automotive industries. These breakers give you the assurance of electrical circuit security with the convenience of a simple "push-push" design. Push to reset or to manually disconnect the circuit—no more fumbling for proper-ampereage fuses! Go offshore with the confidence that your Formula and all aboard are safeguarded by quality electrical components.



Electric-Assist Footrests—customized command. McLeod footrests are standard on the 419, 382 and 353 FAS' TECH™ models and are available on the 312. The footrests adjust at the touch of a button to provide perfect ergonomics and a completely personalized helm.

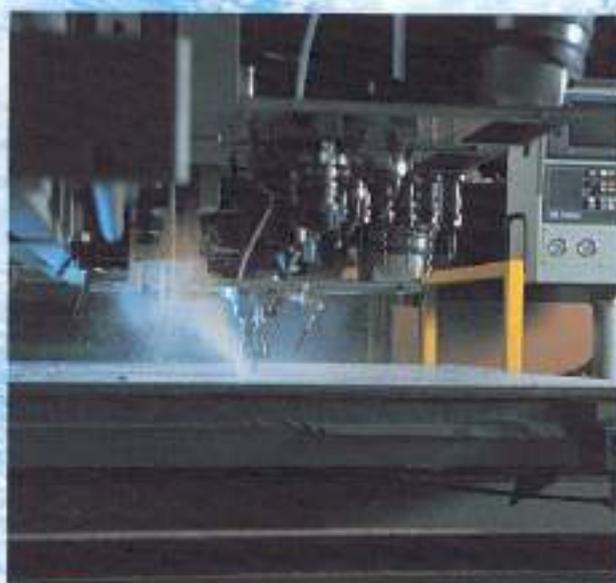
#### McLeod Racing Style Bolster—beauty and function unite.

All Formula FAS' TECH™ models feature elite McLeod bolsters as standard. Custom-made for Formulas, the electric-assist bolsters snugly support and cushion your body for maximum security and comfort. Even while cutting across the water, you can adjust the seat of the bolster until it is right for you. By simply pressing a button, the bolster accommodates your needs exactly.

Plus, they are truly a work of art! Their sculptured shape, exquisite detailing and display of color perfectly accent the cockpit.



# “Turn-key ready” means a lot to you...



**Formula Seating—best in the business.** Formula excels in carefully designed, comfortable seating. Human dimension criteria is utilized to achieve correct contouring. Separate, pre-shaped foam components are arranged in each seat to provide optimal lumbar and leg support. Every Formula seat is “the best in the house.”

**Transportation Grade Vinyls—long term satisfaction.**

Formula’s durable cockpit upholstery is transportation grade, so it takes lots of outdoor wear and still looks great. This top quality vinyl is color-permeated to match Formula Imron® colors. Specially treated to resist staining, Formula’s custom white vinyl remains comfortably cool to the touch even in direct sunlight. With an expanded knit back, Formula vinyl holds its shape much better than ordinary vinyl, so it won’t lose its fresh, clean appearance. You’ll appreciate the like-new appearance for years to come.

**GERBERcutter®—computer accuracy for fabrics.**

Formula’s computer-based cutting system, the GERBERcutter®, is a CAD/CAM system for upholstery fabrics. Parts are cut rapidly and with unvarying consistency. The GERBERcutter® allows for more complex patterning and contouring which greatly enhances the appearance and overall finish of Formula upholstery.



**Dri-Fast® Foam—water runs right through!**

Formula uses special polyurethane Dri-Fast® foam in cockpit seating. Its construction allows water to pass through at once, so you avoid the discomfort of soggy, wet seats and the musty odors generated by saturated cushions. This Formula feature is sure to please everyone.



**Wood-Free Cockpits—Yes!**

You want a cockpit that will hold up in the great outdoors, so Formula uses Kelron® marine panel, a polyurethane sheet material, as an alternative to wood in coaming panels, internal seat structure and reinforcing panels. We also use rotocast and fiberglass shapes as the core for sturdy, virtually indestructible seats that can take it year after year. Removing wood from the cockpit not only extends the serviceability of your Formula but also increases your pleasure in its continued good looks.

**Formula Cabinets—plexiglass plus.**

Formula cabinetry is expertly designed and skillfully tooled. Look at the clean presentation and precise fit—all the result of our exacting assembly methods and top-quality materials. Using the CAD/CAM system, programmed routers cut, drill and groove cell-cast plexiglass, laminates and reflective acrylics precisely to specifications for a perfect fit every time.

Using plexiglass for doors eliminates warping and creates a sleek, polished look. Formula

reinforces cabinet installation with heavy-duty stainless steel L-brackets and installs protective plastic grommets for electrical wiring runs. Positive locking latches keep doors securely closed while underway.

**UltraLeather HP™ Lounge Seating—practical luxury.**

As you relax in the cabin, lounge seating upholstered in UltraLeather HP™ creates a pleasurable retreat. UltraLeather HP™ has the rich feel of the most supple leather, but is surprisingly tough and durable. It is also practical—spills wipe up easily. Comfort, beauty and function combine naturally in a Formula FAS TECH™ cabin appointed with elegant UltraLeather HP™ materials.

**Cockpit Storage—places for everything.**

Convenient, neatly finished storage areas abound in all Formula FAS TECH™ models. Large side coaming compartments accommodate PFDs, lines and other necessities, while the aft seat hinges forward to access additional deep storage. The 271, 353, 382 and 419 have a clever trash receptacle/step pad to port and all FAS TECH™ models



feature an in-dash fiberglass-lined storage compartment for smaller items. The 312 and 353 FAS TECH™ incorporate concealed storage for the available Bimini top in the engine compartment. Bring on the refreshments and all the other items you like to have aboard—there’s a place for everything in a FAS TECH™.

# and to us.

quality assurance



**Imron® Graphics—** express your style with unique designs. The exterior of your FAS TECH™ aptly expresses your personal sense of style. You make a distinct impression dockside, whether you choose Formula's three-color Silver Series, four-color gold series or the exclusive Platinum Series graphics for maximum impact. Whatever you choose, Formula's use of Imron®, DuPont's polyurethane enamel, will keep your graphic selection brilliant year after year. Imron® never "chalks" or fades as ordinary gelcoat graphics do, so it is easily repaired if damaged. In the new Platinum Series graphic, "Illusion," DuPont's premium enamel, ChromaLusion™, creates a dramatic prism effect.

Formula technicians achieve each different graphic by carefully hand marking and masking each color area of your chosen design. After extra care is taken to prepare the area for the paint with a fine-grit pad, the colors are applied one by one in a dust-free spray booth. The end result is a striking graphic with the appearance of an exclusive, custom design.



**In-Water Testing—for every Formula.** Slide behind the wheel of your new FAS TECH™—Formula in-water testing means it is turn-key ready for you. Every Formula is individually tested in one of four test tanks. The extensive checklist program ensures that engines are operating at peak efficiency,

and that all instruments, systems and accessories are in perfect working order. In untested boats, system failures are discovered by the owner. Not so in your Formula. It's been thoroughly checked out and is ready to perform.

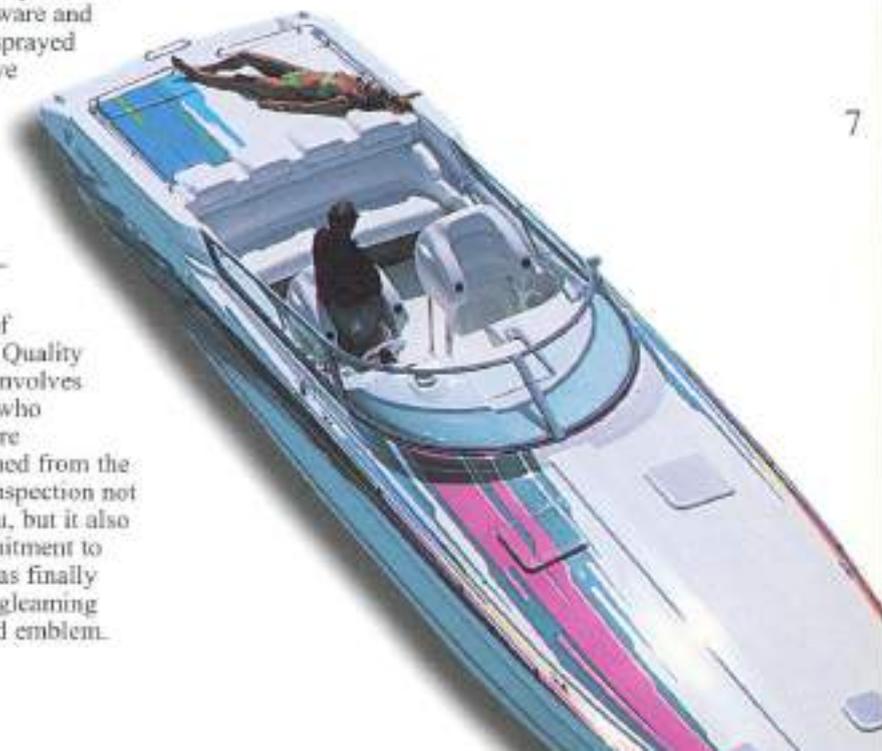
#### **Watertight Seal—no surprises.**

During the test tank procedure, every Formula is subjected to a continuous spray of water on the deck to confirm a watertight seal. Technicians inspect the seal around deck hatches and around hardware and fixtures. Windshield-to-deck surfaces are sprayed from the cockpit and all cockpit drains have gallons of water run through to check for positive discharge flow. Hose off your deck with complete confidence. You won't be surprised by a leak in your new Formula!

#### **Formula Quality Assurance Program—our seal of excellence.**

Formula owners enjoy many more hours of carefree boating because of Thunderbird's Quality Assurance Program. The QAP inspection involves both corporate and production employees who examine the finished product as if they were prospective owners. Every detail is examined from the consumer's critical viewpoint. This final inspection not only helps deliver a perfect Formula to you, but it also reinforces each employee's personal commitment to top quality. Once approved, the Formula has finally earned its marquee of true excellence—the gleaming Formula name and prestigious Thunderbird emblem.

In the select realm of high performance boating, Formula is Number One!





Platinum Series Iron® graphic "Infrared"

**419 FRS™ Yacht™ STANDARD EQUIPMENT**

**EXTERIOR** • NADA Yacht Certification • Transferable 5-year limited dock & hull warranty • Foam-filled hull cavities • Silver Series Iron® graphic design #1, #2 or #3 in South Beach, Rio or Key Largo • Chemically bonded, thru-bolted deck-to-hull joint • Heavy duty PVC gunnel w/stainless steel insert • Tinted, tempered curved-glass windshield • Stainless steel hardware & 316L stainless welded rails • Integrated swim platform • 316L stainless steel swim ladder • Four Borneo™ cabin venting hatches w/screens

**COMFORT** • One-piece fiberglass deck & cockpit live! • McLeod™ electric-assist offshore-style bulsters • McLeod™ electric-assist footrests • Wearbar-resistant cockpit seating featuring Tri-Fast™ foam & Tekon™ synthetic marine panel construction • Aft lounge seating for 4 • Under aft lounge storage • Integral 316L stainless safety rails • Dino™ steering wheel w/YH helm • Latham™ power-assist external steering • Galfing™ Rodine backlit instrumentation, domed w/polished aluminum bezels • Ritchie™ 5" offshore compass • Kiekhaefer Zero Effort™ shifters/throttles • Formula trim-in-the-handle • Fingert K-Plane™ & trim override switches • Safety ignition stop switches w/tethers • Auxiliary 12V outlets • Digital depth sounder • Kiekhaefer trim & tab indicators • Illuminated waterproof accessory rocker switches w/T-FW™ circuit breakers • Battery

parallel switch • Concealed air horn • Four 260W 6"x9" 3-way speakers • Side coaming storage • Built-in hash receptacle • Cockpit courtesy lighting • Fire extinguisher • Disconnect switches for house & starting batteries • 120V shorepower w/galvanic isolator & 30-amp card • Hot/cold transom shower

**CABIN** • Sliding/locking cabin door • UltraLeather HP™ wrap-around lounge seating/double berth w/filler cushions • Upholstered bow double berth w/custom-embroidered FRS™ duvet • UltraLeather HP™ headliner • Removable cocktail table • Hanging locker • Private head w/sink, exhaust fan, VocaFlush™ unit & holding tank • Entertainment center w/round stainless sink, demand water system & 120V/12V refrigerator • Concealed in-counter hash receptacle • 120V AC/12V DC electrical panel • Carbon monoxide fume detector • Kenwood™ remote control AM/FM auto-reverse cassette w/stealth retraction telescopic, 10-disc CD player, cabin & dash-mounted remote controls & 550W amplifier • Four 280W 3-way 7"x10" speakers • Remote control 13" TV/ VCR • Telephone & cable TV shore receptacle hookup • Deck pillows

**ENGINE ROOM** • Triple engine installation • Motorized hatch lift • Engine room courtesy lighting • Engine room fume detector • Automatic fire extinguisher • Thru-bolted rock-style engine mounts • Remote oil filters • Active & passive galvanic corrosion

protection • Alternator noise filters • Low-noise rotary bilge blowers • Automatic bilge pump • Bilge high water alarm • Starting battery & deep-cycle battery w/terminals • 80-amp battery charger • Kiekhaefer Aeromarine K-Planes™ • Forward mounted trim & tab pumps • External stainless steel tie bars • Stainless steel 4-blade props • Silent Thunder™ exhaust (except w/sabock boxes) • 110V water heater w/heat exchanger

**419 FRS™ Yacht™ AVAILABLE EQUIPMENT**

• Gold Series Iron® graphic #1 or #2 in South Beach, Rio or Key Largo • Platinum Series graphics "Eklun," "Infrared" or "Meteor" w/color-coordinated instrument bezels • Bow docking lights • Polished stainless steel windshield frame • VHF radio w/antenna • GPS navigational system • 4KW Kohler™ gas generator w/battery • Engine freshwater flush system • Stollings™ drive extension boxes • 2000W/110V cabin heater • 7000 BTU reverse cycle air conditioner • Head compartment shower • VocaFlush™ unit w/Y-valve for motorator discharge or pump-out • San-X Ova™ treatment system w/3-gallon holding tank & reactor discharge • Bather cockpit carpet • Sunbrella™ Bimini top w/vinyl undercoating & SealMark™ water-repellent finish • Floor, side & aft curtains • Sunbrella™ cockpit cover w/vinyl undercoating & SealMark™ water-repellent finish • Sunbrella™ storage cover • Shipping/ storage cradle



# 419 FASTTECH™

### SPECIFICATIONS

Centerline Length	41'9"	12.73 m
Maximum Beam	8'3"	2.51 m
Approximate Weight	13,100 lbs	5,942 kg
Cabin Headroom	5'5"	1.65 m
Fuel Capacity	225 gal	852 L
Water Capacity	25 gal	95 L
Holding Tank Capacity	20 gal	76 L
Bridge Clearance (dry)	5'7"	1.71 m
Draft	38"	97 cm
Deadrise	24°	24°



Formula 419 SB-1  
1991 Offshore Boat of the Year





# 382 FAS<sup>TM</sup> TECH<sup>TM</sup>



## SPECIFICATIONS

Centerline Length	38'2"	11.63 m
Maximum Beam	8'3"	2.51 m
Approximate Weight	10,450 lbs	4,740 kg
Cabin Headroom	5'1"	1.55 m
Fuel Capacity	195 gal	738 L
Water Capacity	19 gal	72 L
Holding Tank Capacity	2.6 gal	9.8 L
Bridge Clearance (dry)	5'6"	1.68 m
Draft	33"	85 cm
Deadrise	24°	24°

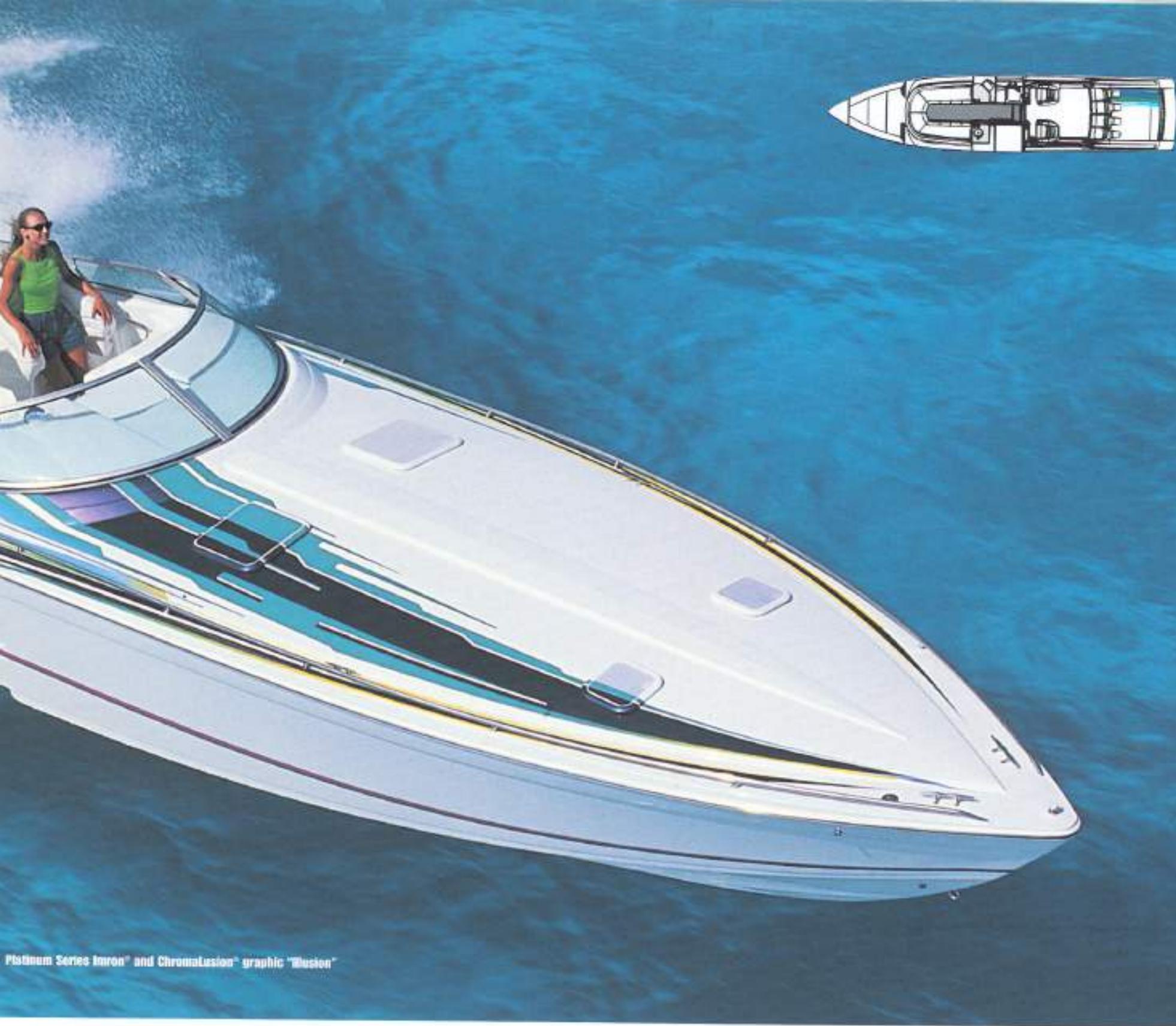


Formula 382 FAS<sup>TM</sup> Tech  
1997 Offshore Boat of the Year



Formula 382 SR-1  
1994 Offshore Boat of the Year





Platinum Series Inmar® and Chromalusion® graphic "Illusion"

**382 FAS™ Teak™ STANDARD EQUIPMENT**

**EXTERIOR** • NMEA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled one-piece fiberglass structural grid • Silver Series Inmar® graphic design #1, #2 or #3 in South Beach, Rio or Key Largo • Chemically bonded, thru-bolted deck-to-hull joint • Heavy duty PVC gunnel w/stainless steel insert • Tinted, tempered curved-glass windshield • Stainless steel hardware & 316L stainless welded rails • Integrated swim platform • Concealed 316L stainless steel swim ladder • Four Bamar® cabin venting hatches w/screens  
**COCKPIT** • One-piece fiberglass deck & cockpit liner • McLeod® electric-assist offshore-style bobbers • McLeod® electric-assist footrests • Weather-resistant cockpit seating featuring De-Fast® foam & Kelsar® synthetic marine panel construction • Air lounge seating for 4 • Under aft lounge storage • Integral 316L stainless safety rails • Bira™ steering wheel w/tilt helm • Latham® power-assist external steering • Gaffrig™ Redline bezel instrumentation, domed w/polished aluminum bezels • Ritchie® 5" offshore compass • Kiekhaefer® Zero Effort™ shifters/throttles • Formula trim-in-the-handle • Fingertip K-Plane™ & trim override switches • Safety ignition stop switches w/tethers • Auxiliary 12V outlets • Digital depth sounder • Battery parallel switch • Kiekhaefer® trim & tab indicators • Illuminated waterproof accessory rocker switches w/E-T-A® circuit breakers • Concealed air horn • Four

260W 6"x9" 3-way speakers • Side coaming storage • Built-in trash receptacle • Cockpit courtesy lighting • Fire extinguisher • Disconnect switches for house & starting batteries • 120V shore power w/galvanic isolator & 30-amp cord • Transom shower

**CABIN** • Sliding/locking cabin door • Ultraleather HP™ wrap-around lounge seating/double berth w/filler cushions • Upholstered bow double berth w/custom-embroidered FAS™ trim™ duvet • Ultraleather HP™ headliner • Removable cocktail table • Private head w/portable unit & exhaust fan • Entertainment center w/round stainless sink & demand water system • 120V/12V refrigerator • Concealed in-counter trash receptacle • 120V AC/12V DC electrical panel • Carbon monoxide flame detector • Kenwood™ remote control AM/FM auto-reverse cassette w/stealth retractor faceplate, 10-disc CD player, cabin & dash-mounted remote controls & 550W amplification • Four 160W 6"x9" 3-way speakers • Decor pillows

**ENGINE ROOM** • Twin engine installation • Motorized hatch lift • Engine room courtesy lighting • Engine room fume detector • Automatic fire extinguisher • Thru-bolted race-style engine mounts • Remote oil filter • Active & passive galvanic corrosion protection • Alternator noise filter • Starting battery & deep-cycle battery w/retainers • 80-amp battery charger • Low-noise rotary bilge blowers • Automatic bilge pump • Bilge high water alarm • Kiekhaefer® Aeromarine K-Planes™ • Forward mounted trim

& tab pumps • External stainless steel tie bar • Stainless steel 4-blade props • Silent Thunder® exhaust (except w/setback boxes)

**382 FAS™ Teak™ AVAILABLE EQUIPMENT**

• Gold Series Inmar® graphic #1 or #2 in South Beach, Rio or Key Largo • Platinum Series graphics "Illusion," "Infrared" or "Meteor" w/cock-cordinated instrument bezel • Bow docking lights • Polished stainless steel windshield frame • Entertainment group—Remote control 13" TV/VCR & concealed antenna, telephone, dockside access cords for cable TV & telephone • VHF radio w/antenna • GPS navigational system • 4KW Kohler® gas generator w/battery • Engine freshwater flush system • Shellings® drive extension boxes • Captain's Call™ exhaust diverter • 2000W/110V cabin heater • 110V water heater w/heat exchanger • 7000 BTU reverse cycle air conditioner • Head unit w/pump-out • Head unit w/y-valve for macerator discharge or pump-out • VacuFlush™ unit w/six-gallon holding tank & pump-out • VacuFlush™ unit w/six-gallon holding tank & y-valve for macerator discharge or pump-out • San-X One® treatment system w/six-gallon holding tank & macerator discharge • Berber cockpit carpet • Sunbrella® Bimini top w/vinyl undercoating & SealMark® water-repellent finish • Front, side & aft curtains • Sunbrella® cockpit cover w/vinyl undercoating & SealMark® water-repellent finish • Sunbrella® storage cover • Shipping/storage cradle



Gold Series Intron® graphic #2 with Rio accent

**353 FRS™ STANDARD EQUIPMENT**

**EXTERIOR** • NADA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled one-piece fiberglass structural grid • Silver Series Intron® graphic design #1, #2 or #3 in South Beach, Rio or Kay Largo • Chemically bonded, thru-bolted deck-to-hull joint • Heavy duty PVC gunnel w/stainless steel insert • Tinted, tempered curved-glass windshield • Stainless steel hardware w/316L stainless welded rails • Concealed fiberglass anchor locker • Integrated swim platform • Concealed 316L stainless steel swim ladder • Four Bimini® cabin venting hatches w/screens  
**COCKPIT** • One-piece fiberglass deck & cockpit liner • McLeod® electric-assist offshore-style bolsters • McLeod® electric-assist footrests • Weather-resistant cockpit seating featuring Di-Fast® foam & Kolar® synthetic marine panel construction • Aft lounge seating for 4 • Under aft lounge storage • Integral 316L stainless safety rails • Duo™ steering wheel w/ft helm • Latham® power-assist external steering • Giffrig™ Redline backlit instrumentation, domed w/polished aluminum bezels • Ritchie® 5" offshore compass • Kiekhaefer® Zero Effort™ shifters/throttles • Formula trim-in-the-handle® Fingers® K-Planes™ & trim override switches • Safety ignition stop switches w/levers • Auxiliary 12V outlets • Digital depth sounder • Illuminated waterproof accessory rocker switches w/E-TA® circuit breakers • Concealed air horn • Stereo volume control

• Two 140W 6"x9" 2-way speakers • Side coaming storage • Built-in trash receptacle • Cockpit courtesy lighting • Fire extinguisher • Battery selector switch • 120V shore power w/galvanic isolator & 30-amp cord  
**CABIN** • Sliding/locking cabin door • Ultraleather HP™ w/wraparound lounge seating/double berth w/fiber cushions • Upholstered bow double berth w/custom-embroidered FRS™ duvet • Private head w/portable unit & exhaust fan • Entertainment center w/round stainless sink & demand water system • 120V/12V refrigerator • 120V AC/12V DC electrical panel • Kenwood® AM/FM auto-reverse cassette stereo w/high power output • Two 160W 4"x10" 2-way speakers • Decor pillows  
**ENGINE ROOM** • Twin engine installation • Motorized hatch lift • Engine room courtesy lighting • Engine room fume detector • Automatic fire extinguisher • Thru-bolted race-style engine mounts • Remote oil filters • Active & passive galvanic corrosion protection • Alternator noise filters • Two deep-cycle batteries w/retainers • 30-amp battery charger • Low-noise rotary bilge blowers • Automatic bilge pump • Bilge high water alarm • Kiekhaefer® Aeromarine K-Planes™ • Forward mounted trim & tab pumps • External stainless steel tie box • Stainless steel 4-blade props • Silver Thunder® exhaust (except w/setback boxes)

**353 FRS™ AVAILABLE EQUIPMENT**

• Gold Series Intron® graphic #1 or #2 in South Beach, Rio or Kay Largo • Platinum Series graphics "Illusion," "IntraRod" or "Meteor" w/color-coordinated instrument bezels • Bow docking lights • Kenwood® remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • Kenwood® remote AM/FM auto-reverse cassette w/10-disc CD player, stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • VHF radio w/critique • GPS navigational system • Engine freshwater flush system • Stollings® drive extension boxes • Captain's Call™ exhaust diverter • Head unit w/lockside pump-out • Head unit w/Y-valve for macerator discharge or pump-out • VacuFlush® unit w/six-gallon holding tank & pump-out • VacuFlush® unit w/six-gallon holding tank & Y-valve for macerator discharge or pump-out • Transom shower • Barber cockpit carpet • Sunbrella® Bimini top w/vinyl undercoating & SeaMark® water-repellent finish • Front, side & aft curtains • Sunbrella® cockpit cover w/vinyl undercoating & SeaMark® water-repellent finish • Sunbrella® storage cover • Shipping/storage cradle



# 353 FEA S<sup>TECH</sup>™

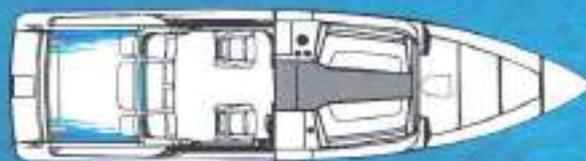
## SPECIFICATIONS

Centerline Length	35'3"	10.74 m
Maximum Beam	8'3"	2.51 m
Approximate Weight	8,575 lbs	3,890 kg
Cabin Headroom	4'8"	1.42 m
Fuel Capacity	154 gal	583 L
Water Capacity	19 gal	72 L
Holding Tank Capacity	2.6 gal	9.8 L
Bridge Clearance	5'4"	1.63 m
Draft	36"	91 cm
Deadrise	24°	24°





# 312 FEA S<sup>1</sup>TECH™



## SPECIFICATIONS

Centerline Length	31'2"	9.5 m
Maximum Beam	8'3"	2.51 m
Approximate Weight	8,050 lbs	3,651 kg
Cabin Headroom	4'7"	1.4 m
Fuel Capacity	128 gal	484 L
Water Capacity	19 gal	72 L
Holding Tank Capacity	2.5 gal	9.8 L
Bridge Clearance (dry)	4'11"	1.5 m
Draft	36"	97 m
Deadrise	24°	24°





Gold Series Iron™ graphic #1 with South Beach accent

**312 FAS™ Teak™ STANDARD EQUIPMENT**

**EXTERIOR** • NIMA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled one-piece fiberglass structural grid • Silver Series Iron™ graphic design #1, #2 or #3 in South Beach, Rio or Key Largo • Chemically bonded, thru-bolted deck-to-hull joint • Heavy duty PVC gurnal w/stainless steel insert • Tinted, tempered curved-glass windshield • Stainless steel hardware & 316L stainless welded rails • Concealed fiberglass anchor locker • Integrated swim platform • Concealed 316L stainless steel swim ladder • Two Bimini™ cabin venting hatches w/screens

**COCKPIT** • One-piece fiberglass deck & cockpit liner • McLoad™ electric-assist offshore-style bolsters • All lounge seating for 4 • Weather-resistant cockpit seating featuring Dri-Fast™ foam & Kevlar™ synthetic marine panel construction • Under aft lounge storage • Integral 316L stainless safety rails • Dura™ steering wheel w/tilt helm • Latham™ power-assist external steering (I-454 & I-502 only) • Gaffrig™ Redline backlit instrumentation, domed w/polished aluminum bezels • Ritchie™ compass • Kiekhoefer™ Zero Effort™ shifters/throttles • Formula trim-in-the-handle • Fingertip K-Plane™ & trim override switches • Safety ignition stop switches w/ethers • Auxiliary 12V outlets •

Digital depth sounder • Illuminated waterproof accessory rocker switches w/ETA™ circuit breakers • Concealed air horn • Battery selector switch • Stereo volume control • Two 140W 6"x9" 2-way speakers • Side coaming storage • Cockpit courtesy lighting • Fire extinguisher

**CABIN** • Sliding/locking cabin door • Ultraleather HP™ lounge seating • Upholstered bow double berth w/custom-embroidered FAS Teak™ duvet • Pomelo hood unit • Entertainment center w/round stainless sink, demand water system & ice box • Hanging locker • 12V DC electrical panel • Kenwood™ AM/FM auto-reverse cassette stereo w/high power output • Two 160W 4"x10" 2-way speakers • Decor pillows

**ENGINE ROOM** • Twin engine installation • Motorized hatch lift • Engine room courtesy lighting • Engine room fume detector • Automatic fire extinguisher • Thru-bolted race-style engine mounts • Remote oil filter • Active & passive galvanic corrosion protection • Alternator noise filters • Two deep-cycle batteries w/retainers • Low-noise rotary bilge blowers • Automatic bilge pump • Bilge high water alarm • Bennett™ hydraulic trim tabs • Forward mounted trim & tab pumps • External stainless steel tie bar • Stainless steel 4-blade prop • Silent Thunder™ exhaust

**312 FAS™ Teak™ AVAILABLE EQUIPMENT**

• Gold Series Iron™ graphic #1 or #2 in South Beach, Rio or Key Largo • Platinum Series graphics "Illusion," "Infrared" or "Meteor" w/color-coordinated instrument bezels • Ritchie™ 5" offshore compass • Bow docking lights • Kenwood™ remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • Kenwood™ remote control AM/FM auto-reverse cassette w/10-disc CD player, stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • VHF radio w/antenna • GPS navigational system • McLoad™ electric-assist footrests • Closed-water cooling system • Engine freshwater flush system • Captain's Call™ exhaust diverter • Kiekhoefer™ Aeromarine K-Planes™ w/trim & tab indicators • Latham™ power-assist external steering • 120V shore power w/galvanic isolator & 30-amp battery charger • 120V/12V refrigerator • Transom shower • Hood unit w/dockside pump-out • Hood unit w/T-valve for macerator discharge or pump-out • Barber cockpit carpet • Sunbrella™ Bimini top w/vinyl undercoating & SeaMark™ water-repellent finish • Front, side & aft curtains • Sunbrella™ cockpit cover w/vinyl undercoating & SeaMark™ water-repellent finish • Sunbrella™ storage cover • Shipping/storage cradle



Silver Series Intron® graphic #1 with Key Largo accent

#### 271 FAS™ Year™ STANDARD EQUIPMENT

**EXTERIOR** • NMEA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled one-piece fiberglass structural grid • Silver Series Intron® graphic design #1, #2 or #3 in South Beach, Rio or Key Largo • Chemically bonded, thru-bolted deck-to-hull joint • Heavy duty PVC gunnel w/stainless steel insert • Tinted, tempered curved-glass windshield • Stainless steel hardware & 316L stainless welded rails • Integrated swim platform • 316L stainless steel swim ladder • Two Berber® cabin venting hatches w/scoops

**COCKPIT** • One-piece fiberglass deck & cockpit liner • McLeod™ electric-assist offshore-style bolsters • Aft lounge seating for 4 • Weather-resistant cockpit seating featuring Dr-Fast™ foam & Kalen® synthetic marine panel construction • Under aft lounge storage • Integral 316L stainless safety rails • One™ steering wheel w/tilt helm • Gaffrig™ Redline backlit instrumentation, domed w/polished aluminum bezels • Ritchie™ compass • Kiekhaefer™ Zero Effort™ shifter/throttle • Formula trim-in-the-handle • Fingertip trim override switch • Safety ignition stop switch w/throw • Auxiliary 12V

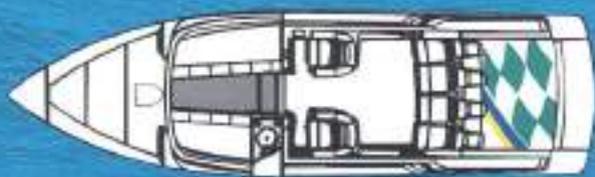
outlet • Digital depth sounder • Illuminated waterproof accessory rocker switches w/1-1/4" circuit breakers • Concealed air horn • Stereo volume control • Two 140W 6"x9" 2-way speakers • Side coaming storage • Built-in trash receptacle • Cockpit courtesy lighting • Fire extinguisher

**CABIN** • Sliding/locking cabin door • UltraLeather HP™ lounge seating • Upholstered bow double berth w/custom-embroidered FAS Trics™ duvet • Portable head unit • Entertainment center w/round stainless sink, water system & Igloo® cooler • Kenwood™ AM/FM auto-reverse cassette stereo w/high power output • Two 160W 4"x10" 2-way speakers • Decor pillows

**ENGINE ROOM** • Single engine installation • Motorized hatch lift • Engine room courtesy lighting • Engine room fume detector • Automatic fire extinguisher • Thru-bolted race-style engine mounts • Remote oil filter • Active & passive galvanic corrosion protection systems • Alternator noise filter • Low-noise rotary bilge blowers • Automatic bilge pump • Bilge high water alarm • Battery & battery retainer • Stainless steel 4-blade prop • Silent Thunder™ exhaust

#### 271 FAS™ Year™ AVAILABLE EQUIPMENT

• Gold Series Intron® graphic #1 or #2 in South Beach, Rio or Key Largo • Ritchie® 5" offshore compass • Bennett® hydraulic trim tabs • Kiekhaefer® Sport K-Planes™ • Bow docking lights • Kenwood™ AM/FM single CD stereo w/high power output • Kenwood™ remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • Kenwood™ remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, 10-disc CD player, cabin & dash-mounted remote controls & 140W amplification • Demand water system w/harmon shower • VHF radio w/antenna • GPS navigational system • Deep-cycle battery w/retainer & switch • Closed-water cooling system • Engine freshwater flush system • Captain's Call™ exhaust diverter • Latham™ power-assist external steering • Head unit w/dockside pump-out • Head unit w/Y-wake for motorist discharge or pump-out • Berber cockpit carpet • Sunbrella® Bimini top w/vinyl undercoating & SealMark™ water-repellent finish • Front, side & aft curtains • Sunbrella® cockpit cover w/vinyl undercoating & SealMark™ water-repellent finish • Sunbrella® storage cover • Shipping/storage cradle



#### SPECIFICATIONS

Centerline Length	27' 1"	8.26 m
Maximum Beam	8' 3"	2.51 m
Approximate Weight	5,250 lbs	2,385 kg
Cabin Headroom	4' 5"	1.35 m
Fuel Capacity	105 gal	397 L
Water Capacity	19 gal	72 L
Holding Tank Capacity	2.6 gal	9.8 L
Bridge Clearance (dry)	4' 11"	1.49 m
Draft	34"	66 m
Deadrise	24°	24°



Formula 271 SN-1  
1992 Full Size Boat of the Year

# 271 FEA S TECH™



# Designer colors and graphics ...how will you

graphics

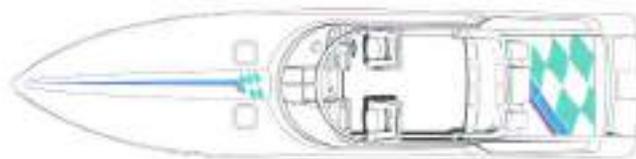


## Silver Series Imron® Graphic Designs

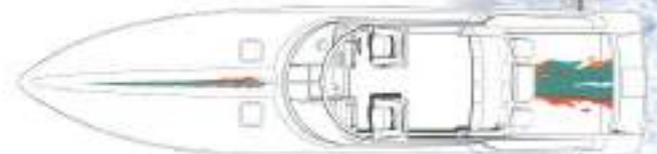
Each Silver Series Imron® graphic design may be specified in one of the three-color Imron® accents, below left.



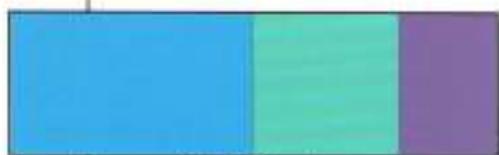
Rio



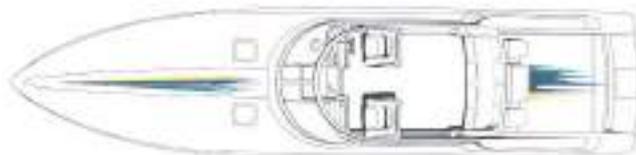
Silver Series Imron® Graphic Design #1



Silver Series Imron® Graphic Design #3



South Beach



Silver Series Imron® Graphic Design #2



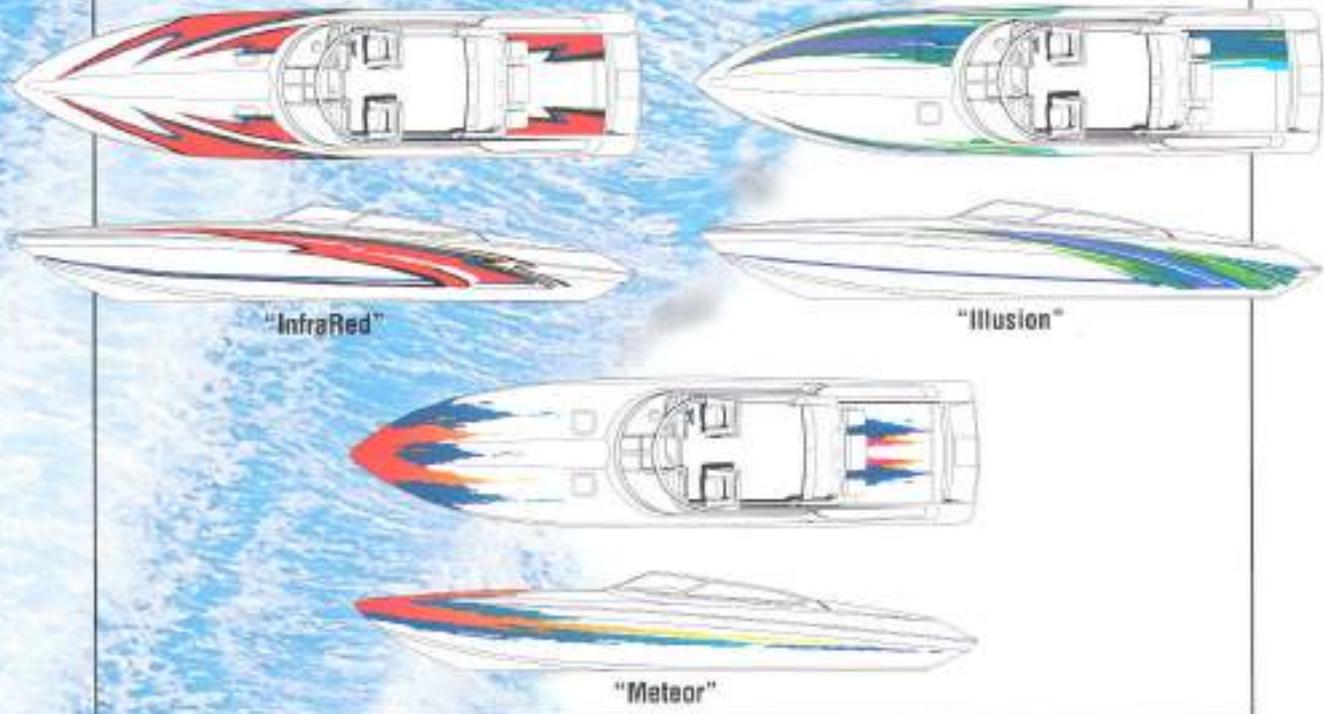
Key Largo



# choose?

## Platinum Series Imron® and ChromaLusion™ Graphic Designs

Platinum Series Imron® graphics "InfraRed" and "Meteor," and Imron® and ChromaLusion™ graphic "Illusion" are available on the 312, 353, 382 and 419 EAS Tech.



## Gold Series Imron® Graphic Designs

Each Gold Series Imron® graphic design may be specified in one of the four-color Imron® accents, below left.



Rio



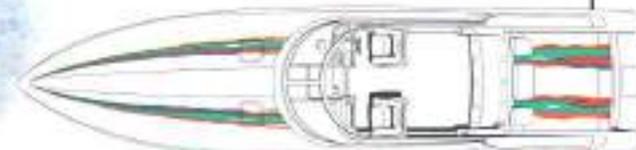
South Beach



Key Largo



Gold Series Imron® Graphic Design #1



Gold Series Imron® Graphic Design #2





# Style *and* substance. Formula delivers



## 382 FAS<sup>3</sup>TECH— Poker Run Special!

Formula's Poker Run Special Edition 382 stands out as a masterpiece of marine design and engineering. The custom FAS<sup>3</sup>TECH planing surface delivers maximum hull efficiency, and the Merc Twin 502 Mag MPI Bravo I engines provide the big-time power. Lingenfelter Performance Engineering wings out every last bit of speed by developing 540 C.I.D. with 585 horsepower. The turn key electronic fuel injection means the engines idle nicely as well as flirt with 90 miles per hour at full throttle!

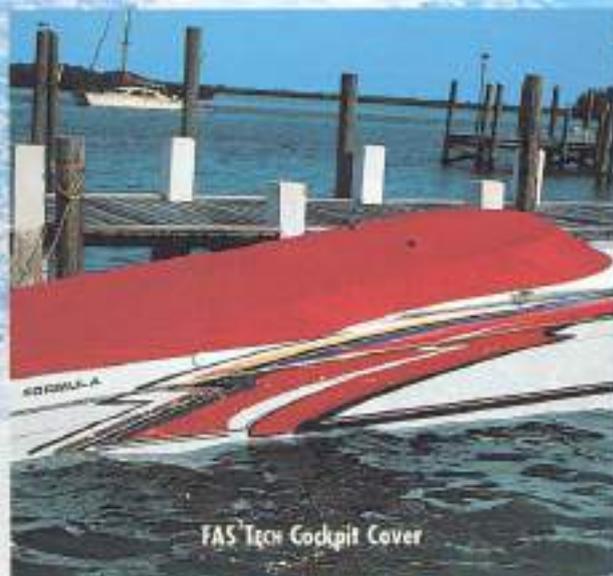
To extend endurance over the long haul, a Stage III Gold Tip Bravo Upgrade Package by Dick Simon Marine replaces the lower case of the vertical drive shaft and prop shaft. Other upgrades to guarantee solid reliability include upper case blueprinting and tempering of the upper housing, gears, shaft, clutch and shift yolk.

A racing style aluminum windscreen replaces the usual full tempered windshield. Both the driver and port bolster are the latest in beefy support and push-button technology by McLeod. The unique Poker Run graphics combine brilliant Imron® colors and striking vinyl applications including the FAS<sup>3</sup>TECH logo display on both sides and a winning royal flush poker hand on the foredeck.

The Special Edition 382 will take part in several Poker Runs during the summer of '98 and will also participate in the Formula Owner Bahama Rendezvous during August. If you are speed-driven, the 382 Poker Run Formula is probably the powerboat of all your wildest high-performance dreams!



# what you need and want.



## Formula Canvas

Formula custom-fitted canvas features color-matched, non-fading Sunbrella® fabric with vinyl undercoating and SeaMark™ water-repellent finish. 316L stainless steel framework and weather-resistant YKK zippers.



## The Formula Action

The Formula *Action* (above) is a Thunderbird news publication filled with company updates, new model information and owner boating experiences. The *Action* is mailed to Formula owners and is also available at your Formula dealership, or call 1-800-736-7685 to receive a free copy.

## Formula Gear



Formula Fashions and Accessories are all top quality and feature the impressive Formula logo. If you like up-to-date colors and casual styling, visit your Formula dealer for a free catalog, or call 1-800-736-7685 to receive your free catalog from Thunderbird.



## More on Formula

The entire Formula lineup includes FAS TECH, Cruiser and Sun Sport models. The elegant Formula Performance Cruiser series includes the 31 PC, above middle, as well as the 27, 34 and 41 PC. Formula Sun Sports have what dayboaters want most. The new 400 Super Sport, pictured above left, is the flagship of the SS lineup.

Call 1-800-736-7685 to receive a free brochure, or visit your nearest Formula dealer to see all the new Formula models for 1999.

## Formula Video

The 1999 Formula video features Formula FAS TECH, Sun Sport and Cruiser powerboats in exciting action along with a brief walk-through of the Thunderbird facility. Call 1-800-736-7685 to receive your free video.





Thunderbird Products

2200 West Monroe Street

P.O. Box 1003

Decatur, IN 46733-5003

219-724-9111 • 1-800-736-7685

[www.thunderbirdboats.com](http://www.thunderbirdboats.com)

Your Formula Dealer:

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