

**Thunderbird Products**  
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[www.formulaboats.com](http://www.formulaboats.com)

Your Formula Dealer:



# FORMULA

**FORMULA FAS<sup>3</sup>TECH™**

*Speed, Stability, Structure*

Formula FAS<sup>3</sup>TECH continues to build on its award-winning speed and cutting-edge performance. Each of the five FAS<sup>3</sup>TECH models has a custom multiplane running surface designed to produce top-speed competition runs. Twenty-first century design technology results in the fastest, smoothest, most exhilarating ride possible.



During 2001 APBA Factory Class racing, Formula race teams showed their mettle with more podium finishes than any other boat builder, earning the prestigious Mercury Racing Constructor's Cup. Formula racing crews brought admirable professionalism and sportsmanship to this high-performance sport.

The key to FAS<sup>3</sup>TECH success is a three-part formula resulting in faster speed and solid stability along with extreme structural integrity. After years of testing different proposals, methods and designs, those proven best were incorporated in each boat's planing surface and internal structure. To effectively reinforce the hull for challenging offshore conditions, a custom fiberglass matrix—again designed specifically for each individual model—is constructed of foam-filled, specially formulated fiberglass chemically bonded to the hull with space-age Plexus®.

Formula's dedicated offshore attitude features McLeod® racing-style bolsters and electrically powered footrests for personalized ergonomics and individual security. The aft bench seat is comfortably upholstered over special Dri-Fast® foam that does not retain water. The helm instrument panel consists of a clean-cut array of racing-style gauges read at a glance on the white carbon-fiber background. The wheel is white-sporty in design and proportions. The cockpit seems electrified by metallic vinyl accents.

FAS<sup>3</sup>TECH cabin lounges and the bow berth are upholstered in white Ultraleather™ for beauty and durability. Lounge seating is comfortably proportioned, an excellent place to relax and refresh after the action. Subtle, indirect lighting and a powerful, high-fidelity sound system complete the satisfying atmosphere.

Formula FAS<sup>3</sup>TECH offers more unique graphic and color choices than any other performance powerboat today. This year the new color palette is Bayport. There are two new optional graphic choices in the Silver category and a new Gold selection. There are also two spectacular new Platinum designs everyone will admire.

With so many ways to individualize your FAS<sup>3</sup>TECH, it will seem like a custom powerboat—the one you have always wanted!



FAS<sup>3</sup>TECH™ '03

**Fast, Smooth, Exhilarating—  
The best reasons to choose Formula FAS<sup>3</sup>TECH**



# THE Formula Difference

Thunderbird's tradition of excellence continues to be the hallmark of each Formula powerboat. Victor B. Porter had been producing powerboats for almost twenty years when he and other family members acquired Thunderbird in 1976. Over the past twenty-five years the Porter family has concentrated on producing the highest quality product possible, complemented fully by responsive, customer-oriented service.

The second generation of Porters now leads the company as strongly committed owner/managers. President Scott Porter along with three brothers and a sister fill executive positions and work together to continually improve Formula powerboats. Vic Porter serves as Chairman.

The Porter family shares many happy memories of boating together over the years. They know that well-thought-out, top-quality features and construction make all the difference in boating enjoyment. Personal satisfaction for each owner of a prestigious Formula powerboat continues to be the Porter family goal.

## Thunderbird maintains the highest manufacturing standards for you.

▼ The Thunderbird manufacturing facility was designed specifically for the production of Formula powerboats.



- ▼ A recent addition of 130,000 square feet accommodates expanded production and development of larger powerboats.
- ▼ Adapting advancing technology as it

becomes available ensures superior quality far into the future.

▼ Plant design and individual working conditions make it easy for employees to do their job right every time.



## Dynamic employee programs result in progressively higher levels of Formula owner satisfaction.

- ▼ Volunteer Employee Involvement and Self-Directed Work Teams generate continual product improvement.
- ▼ Employees concentrate on improving efficiency and overall quality as a team.
- ▼ Formula owners appreciate this built-in reliability every time they boat.
- ▼ An on-site training program, C.O.R.E. (Champions of Reaching Excellence), expands and sharpens Formula employees' personal and professional developmental skills.



## Formula Reliability Centers deliver superior service to Formula owners.

- ▼ As Formula dealers are well informed regarding product knowledge, you can rely on them to provide expert technical and mechanical service.
- ▼ Ready availability of parts keeps Formula boaters on the water.
- ▼ Dealers receive timely Thunderbird product updates and are assigned a Technical Assistance representative at the plant to answer their questions.
- ▼ Formula works with your dealership to ensure that you receive expert service quickly.

## Formula Guard, our Five-Year Limited Warranty, guarantees long-term satisfaction.

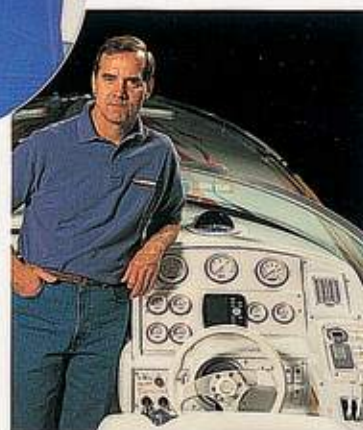
- ▼ Your boating investment is solidly protected by a five-year limited warranty covering structure, engine/outdrive, accessories and components, including labor and materials.
- ▼ Your Formula's value will be enhanced for years to come.
- ▼ The Formula Warranty is transferable during the five-year period.
- ▼ For full information, visit our Web site at [www.formulaboats.com](http://www.formulaboats.com).



## Certification by the National Marine Manufacturers Association improves your safety on the water.

- ▼ As a charter member of the NMMA, Thunderbird continues to commit to product integrity.
- ▼ Your safety as a Formula owner is of primary importance to Thunderbird.
- ▼ Official NMMA certification is displayed in each Formula.
- ▼ All Formulas meet or exceed Association safety-based certification.
- ▼ Other manufacturers may indicate membership, yet not qualify all their boats for certification.

## Formula designer John Adams creates artistry that works.



- ▼ For the past thirty years Adams has been designing Formulas with sleek, distinctive styling that blends form and function to perfection.
- ▼ Adams keeps Formula on the cutting edge of technical expertise.

▼ Formula FAS<sup>3</sup>TECH is renowned for award-winning performance and spectacular graphics.

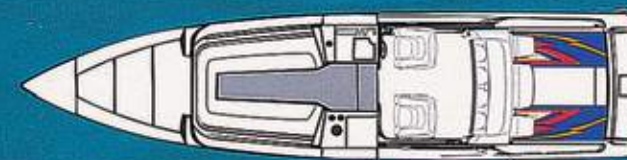


353 FAS<sup>3</sup>TECH™



**353 FAS<sup>3</sup>TECH SPECIFICATIONS**

LOA	35' 3"	10.74 m
Maximum Beam	8' 3"	2.51 m
Approximate Weight	8,575 lbs	3,890 kg
Cabin Headroom	4' 10"	1.47 m
Fuel Capacity	154 gal	583 L
Water Capacity	19 gal	72 L
Holding Tank Capacity	2.6 gal	9.8 L
Bridge Clearance (dry)	5' 4"	1.63 m
Draft	36"	.91 m
Deadrise	24°	24°



GOLD IMRON® DESIGN #1 "BAYPORT"



**353 FAS<sup>3</sup>TECH™ STANDARD EQUIPMENT**

**EXTERIOR** ▼ NMMA Yacht Certification ▼ Transferable 5-year Formula limited warranty ▼ Silver Series three-color Imron design #1, #2 or #3 in Bayport, Sanibel or Daytona Beach ▼ FAS<sup>3</sup>Tech hull ▼ Foam-filled continuous molded fiberglass structural grid ▼ Chemically bonded & thru-bolted deck-to-hull joint ▼ Heavy-duty PVC gunwale w/stainless steel insert ▼ Concealed fiberglass anchor locker ▼ Stainless steel hardware & 316L stainless welded rails ▼ Pop-up fuel cap ▼ Four Bomar® cabin venting hatches w/screens ▼ Tinted, tempered curved-glass windshield ▼ Concealed air horn ▼ Integrated swim platform w/concealed 316L stainless steel swim ladder

**COCKPIT** ▼ Continuous molded fiberglass deck & cockpit liner ▼ Dash panels w/white carbon-fiber finish ▼ Gaffrig™ Redline backlit instrumentation, domed w/color-coordinated bezels ▼ Ritchie® 5" offshore compass ▼ Digital depth sounder ▼ Gaffrig shifters/throttles w/in-handle trim switch ▼ Safety ignition stop switches w/tethers ▼ Dino™ tilt steering wheel w/carbon fiber trim ring ▼ Latham® external hydraulic steering ▼ Dash locker w/vanity mirror ▼ Auxiliary 12V outlet ▼ Fingertip K-Plane™ & trim override switches ▼ Illuminated waterproof accessory rocker switches w/E-T-A® circuit breakers ▼ Stereo volume control ▼ Two 170W 6"x9" 3-way marine-grade speakers ▼ Trunk with shorepower hookup & cord storage ▼ Built-in trash receptacle ▼ Drink holders ▼ Courtesy lighting ▼ Integral 316L stainless safety rails ▼ Weather-resistant cockpit seating featuring Dri-Fast® foam & StarLite® XL synthetic marine panel construction ▼ McLeod® electric-assist offshore-style bolsters ▼ McLeod electric-assist footrests ▼ Aft lounge seating for four w/storage under ▼ Side coaming storage ▼ Fire extinguisher ▼ Battery selector switch ▼ Berber cockpit carpet ▼ Cockpit cover in color-matched non-fading Sunbrella® solution-dyed acrylic fabric with water-repellent SeaMark™ vinyl undercoating, or white polyester fabric w/double-coated resin topside & water-resistant underside coating

**CABIN** ▼ Sliding/locking cabin door ▼ Ultraleather™ double bow berth ▼ Décor pillows ▼ Ultraleather wrap-around lounge seating/double berth w/filler cushions ▼ Removable cocktail table ▼ Kenwood® AM/FM/CD stereo w/high power output-Sirius™ satellite compatible ▼ Two 160W 4"x10" 2-way marine-grade speakers ▼ 120V & 12V electrical panel ▼ Entertainment center w/stainless sink

& demand water system ▼ 120V/12V refrigerator ▼ Private head w/dockside pumpout & exhaust fan ▼ Carbon monoxide fume detector

**ENGINE** ▼ Twin engine installation ▼ Motorized hatch lift ▼ Bimini top storage area ▼ Courtesy lighting ▼ Fume detector ▼ Automatic fire extinguisher ▼ Thru-bolted race-style engine mounts ▼ Remote oil filters ▼ Two deep-cycle batteries w/battery retainers ▼ 50-amp battery charger ▼ Active & passive galvanic corrosion protection systems ▼ Low-noise rotary bilge blowers ▼ Automatic bilge pump ▼ Bilge high water alarm ▼ Mercury Racing K-Planes™ ▼ Forward mounted trim & tab pumps ▼ External stainless steel tie bar ▼ Stainless steel lab-finished 4-blade props (Merc) ▼ Silent Thunder® exhaust (except w/setback boxes)

**353 FAS<sup>3</sup>TECH AVAILABLE EQUIPMENT**

▼ Gold Series four-color Imron design #1 or #2 in Bayport, Sanibel or Daytona Beach w/color-coordinated instrument bezels ▼ Platinum Series Imron design "Storm," "Flame" or "Electrode" w/color-coordinated instrument bezels ▼ Bow docking lights ▼ VHF radio w/antenna ▼ GPS navigational system ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control & 160W amplification ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control, 160W amplification & 10-disc CD changer ▼ Transom shower ▼ Head unit w/Y-valve for macerator discharge or pumpout ▼ VacuFlush® unit w/six-gallon holding tank & pumpout ▼ VacuFlush unit w/six-gallon holding tank & Y-valve for macerator discharge or pumpout ▼ Engine freshwater flush system ▼ Captain's Call™ exhaust diverter ▼ Bimini top in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating/concealed engine room storage ▼ Bimini front & side connectors & aft curtain in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating ▼ Non-fading Sunbrella solution-dyed acrylic fabric storage cover

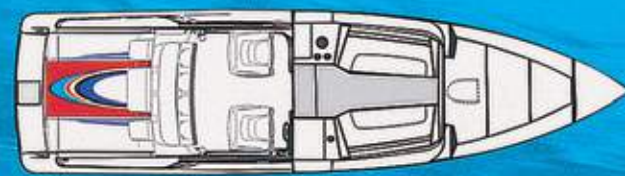


# 312 FAST<sup>3</sup>TECH™

12 312 FAST<sup>3</sup>Tech™ www.formulaboats.com



SILVER IMRON® DESIGN #2 "DAYTONA BEACH"



## 312 FAST<sup>3</sup>TECH SPECIFICATIONS

LOA	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	2.6 gal	9.8 L
Bridge Clearance (dry)	4'11"	1.5 m
Draft	38"	.97 m
Deadrise	24°	24°

### 312 FAST<sup>3</sup>TECH™ STANDARD EQUIPMENT

**EXTERIOR** ▼ NIMMA Yacht Certification ▼ Transferable 5-year Formula limited warranty ▼ Silver Series three-color Imron design #1, #2 or #3 in Bayport, Sanibel or Daytona Beach ▼ FAST<sup>3</sup>TECH hull ▼ Foam-filled continuous molded fiberglass structural grid ▼ Chemically bonded & thru-bolted deck-to-hull joint ▼ Heavy-duty PVC gunwale w/stainless steel insert ▼ Concealed fiberglass anchor locker ▼ Stainless steel hardware & 316L stainless welded rails ▼ Pop-up fuel cap ▼ Two Bomar® cabin venting hatches w/screens ▼ Tinted, tempered curved-glass windshield ▼ Concealed air horn ▼ Integrated swim platform w/concealed 316L stainless steel swim ladder

**COCKPIT** ▼ Continuous molded fiberglass deck & cockpit liner ▼ Dash panels w/white carbon-fiber finish ▼ Gaffrig™ Redline backlit instrumentation, domed w/color-coordinated bezels ▼ Ritchie® compass ▼ Digital depth sounder ▼ Gaffrig shifters/throttles w/in-handle trim switch ▼ Fingertip trim override switches ▼ Safety ignition stop switches w/tethers ▼ Dino™ tilt steering wheel w/carbon fiber trim ring ▼ Latham® external hydraulic steering (T-496 MAG HO & T-496 MAG only) ▼ Dash locker w/vanity mirror ▼ Auxiliary 12V outlet ▼ Illuminated waterproof accessory rocker switches w/E-T-A® circuit breakers ▼ Stereo volume control ▼ Two 170W 6"x9" 3-way marine-grade speakers ▼ Drink holders ▼ Courtesy lighting ▼ Integral 316L stainless safety rails ▼ Weather-resistant cockpit seating featuring Dri-Fast® foam & StarLite® XL synthetic marine panel construction ▼ McLeod® electric-assist offshore-style bolsters ▼ Aft lounge seating for four w/storage under ▼ Side coaming storage ▼ Fire extinguisher ▼ Battery selector switch ▼ Berber cockpit carpet ▼ Cockpit cover in color-matched non-fading Sunbrella® solution-dyed acrylic fabric with water-repellent SeaMark™ vinyl undercoating, or white polyester fabric w/double-coated resin topside & water-resistant underside coating

**CABIN** ▼ Sliding/locking cabin door ▼ Ultraleather™ double bow berth ▼ Ultraleather lounge seating ▼ Décor pillows ▼ 12V DC electrical panel ▼ Entertainment center w/stainless sink, demand water & ice box ▼ Kenwood® AM/FM/CD stereo w/high power output—Sirius™ satellite compatible ▼ Two 160W 4"x10" 2-way marine-grade speakers ▼ Head unit w/dockside pumpout ▼ Hanging locker ▼ Carbon monoxide fume detector

**ENGINE** ▼ Twin engine installation ▼ Motorized hatch lift ▼ Bimini top storage area ▼ Courtesy lighting ▼ Fume detector ▼ Automatic fire extinguisher ▼ Thru-bolted race-style engine mounts ▼ Remote oil filters ▼ Two deep-cycle batteries w/battery retainers ▼ Active & passive galvanic corrosion protection systems ▼ 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 lab-finished 4-blade props (Merc) ▼ Silent Thunder® exhaust

### 312 FAST<sup>3</sup>TECH AVAILABLE EQUIPMENT

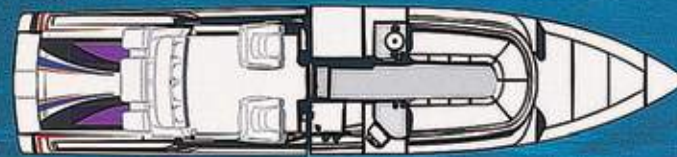
▼ Gold Series four-color Imron design #1 or #2 in Bayport, Sanibel or Daytona Beach w/color-coordinated instrument bezels ▼ Bow docking lights ▼ Transom shower ▼ Ritchie 5" offshore compass ▼ VHF radio w/antenna ▼ GPS navigational system ▼ Latham external hydraulic steering ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control & 160W amplification ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control, 160W amplification & 10-disc CD changer ▼ McLeod electric-assist footrests ▼ 120V shorepower w/galvanic isolator, 40-amp battery charger & 30-amp cord ▼ 120V/12V refrigerator ▼ Head unit w/Y-valve for macerator discharge or pumpout ▼ Engine freshwater flush system ▼ Captain's Call™ exhaust diverter ▼ MerCruiser K-Planes™ w/trim & tab indicators ▼ Bimini top in color-matched non-fading Sunbrella® solution-dyed acrylic fabric with water-repellent SeaMark™ vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating/concealed engine room storage ▼ Bimini front & side connectors & aft curtain in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating ▼ Non-fading Sunbrella solution-dyed acrylic fabric storage cover



# 382 FAS<sup>3</sup>TECH™



PLATINUM SERIES IMRON® DESIGN "STORM"



Formula 382 SR-1  
1994 Offshore Boat of the Year



Formula 382 FAS<sup>3</sup>Tech  
1997 Offshore Boat of the Year

### 382 FAS<sup>3</sup>TECH SPECIFICATIONS

LOA	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 m
Deadrise	24°	24°

### 382 FAS<sup>3</sup>TECH™ STANDARD EQUIPMENT

**EXTERIOR** ▼ NMMA Yacht Certification ▼ Transferable 5-year Formula limited warranty ▼ Silver Series three-color Imron design #1, #2 or #3 in Bayport, Sanibel or Daytona Beach ▼ FAS<sup>3</sup>Tech hull ▼ Foam-filled continuous molded fiberglass structural grid ▼ Chemically bonded & thru-bolted deck-to-hull joint ▼ Heavy-duty PVC gunwale w/stainless steel insert ▼ Stainless steel hardware & 316L stainless welded rails ▼ Pop-up fuel cap ▼ Four Bomar® cabin venting hatches w/screens ▼ Tinted, tempered curved-glass windshield ▼ Concealed air horn ▼ Integrated swim platform w/concealed 316L stainless steel swim ladder

**COCKPIT** ▼ Continuous molded fiberglass deck & cockpit liner ▼ Dash panels w/white carbon-fiber finish ▼ Gaffrig™ Redline backlit instrumentation, domed w/color-coordinated bezels ▼ Ritchie® 5" offshore compass ▼ Digital depth sounder ▼ Gaffrig shifters/throttles w/in-handle trim switch ▼ Safety ignition stop switches w/lethers ▼ Dino™ tilt steering wheel w/carbon fiber trim ring ▼ Latham® external hydraulic steering ▼ Dash locker w/vanity mirror ▼ Auxiliary 12V outlet ▼ Fingertip K-Plane™ & trim override switches ▼ Kiekhaefer® trim & tab indicators ▼ Illuminated waterproof accessory rocker switches w/E-T-A® circuit breakers ▼ Dash-mounted full-feature stereo remote control ▼ Four 300W 6"x9" 3-way marine-grade speakers ▼ Built-in trash receptacle ▼ Drink holders ▼ Courtesy lighting ▼ Integral 316L stainless safety rails ▼ Weather-resistant cockpit seating featuring Dri-Fast® foam & StarLite® XL synthetic marine panel construction ▼ McLeod® electric-assist offshore-style bolsters ▼ McLeod electric-assist footrests ▼ Aft lounge seating for four w/storage under ▼ Trunk with shorepower hookup & cord storage ▼ Side coaming storage ▼ Fire extinguisher ▼ Battery parallel emergency switch ▼ Battery disconnect switches ▼ Berber cockpit carpet ▼ Transom shower ▼ Cockpit cover in color-matched non-fading Sunbrella® solution-dyed acrylic fabric with water-repellent SeaMark™ vinyl undercoating, or white polyester fabric w/double-coated resin topside & water-resistant underside coating

**CABIN** ▼ Sliding/locking cabin door ▼ Ultraleather™ headliner ▼ Ultraleather double bow berth ▼ Décor pillows ▼ Ultraleather wrap-around lounge seating/double berth w/filler cushions ▼ Removable cocktail table ▼ Kenwood® remote control AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, 450W amplification & 10 disc CD changer-Sirius™ satellite

compatible ▼ Four 160W 4"x10" 2-way marine-grade speakers ▼ 120V & 12V electrical panel ▼ Entertainment center w/ stainless sink & demand water system ▼ 120V/12V refrigerator ▼ Concealed in-counter trash receptacle ▼ Private head w/dockside pumpout & exhaust fan ▼ Carbon monoxide fume detector ▼ Automatic cabin bilge pump w/high water alarm

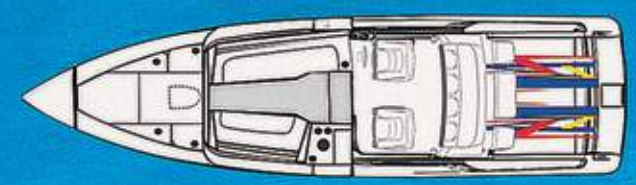
**ENGINE** ▼ Twin engine installation ▼ Motorized hatch lift ▼ Courtesy lighting ▼ Fume detector ▼ Automatic fire extinguisher ▼ Thru-bolted race-style engine mounts ▼ Remote oil filters ▼ Starting deep-cycle batteries w/battery retainers ▼ 60-amp battery charger ▼ Active & passive galvanic corrosion protection systems ▼ Low-noise rotary bilge blowers ▼ Automatic bilge pump ▼ Bilge high water alarm ▼ Mercury Racing K-Planes™ ▼ Forward mounted trim & tab pumps ▼ External stainless steel tie bar ▼ Stainless steel lab-finished 4-blade props ▼ Silent Thunder® exhaust (except w/setback boxes)

### 382 FAS<sup>3</sup>TECH AVAILABLE EQUIPMENT

▼ Gold Series four-color Imron design #1 or #2 in Bayport, Sanibel or Daytona Beach w/color-coordinated instrument bezels ▼ Platinum Series Imron design "Storm," "Flame" or "Electrode" w/ color-coordinated instrument bezels ▼ Bow docking lights ▼ Polished stainless steel windshield frame ▼ VHF radio w/antenna ▼ GPS navigational system ▼ Entertainment group-Remote control 13" TV/DVD w/concealed antenna, phone & dockside access cords for cable TV & phone ▼ 7,000 BTU reverse cycle air conditioner w/digital climate control ▼ Head unit w/Y-valve for macerator discharge or dockside pumpout ▼ VacuFlush® unit w/six-gallon holding tank & pumpout ▼ VacuFlush unit w/six-gallon holding tank & Y-valve for macerator discharge or pumpout ▼ 5KW Kohler® gas generator w/battery ▼ Engine freshwater flush system ▼ Stellings® setback boxes ▼ Captain's Call™ exhaust diverter ▼ Bimini top in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating ▼ Bimini front & side connectors & aft curtain in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating ▼ Non-fading Sunbrella solution-dyed acrylic fabric storage cover



# 292 FAS<sup>3</sup>TECH™



## 292 FAS<sup>3</sup>TECH SPECIFICATIONS

LOA	29' 2"	8.90 m
Maximum Beam	8' 3"	2.51 m
Approximate Weight	7,000 lbs	3,175 kg
Cabin Headroom	4' 5"	1.35 m
Fuel Capacity	113 gal	428 L
Water Capacity	19 gal	72 L
Holding Tank Capacity	2.6 gal	9.8 L
Bridge Clearance (dry)	4' 11"	1.5 m
Draft	33"	.84 m
Deadrise	24°	24°

SILVER IMRON® DESIGN #3 "BAYPORT"

## 292 FAS<sup>3</sup>TECH™ STANDARD EQUIPMENT

**EXTERIOR** ▼ NMMA Yacht Certification ▼ Transferable 5-year Formula limited warranty ▼ Silver Series three-color Imron design #1, #2 or #3 in Bayport, Sanibel or Daytona Beach ▼ FAS<sup>3</sup>Tech hull ▼ Foam-filled continuous molded fiberglass structural grid ▼ Chemically bonded & thru-bolted deck-to-hull joint ▼ Heavy-duty PVC gunwale w/stainless steel insert ▼ Concealed fiberglass anchor locker ▼ Stainless steel hardware & 316L stainless welded rails ▼ Pop-up fuel cap ▼ Two Bomar® cabin venting hatches w/screens ▼ Tinted, tempered curved-glass windshield ▼ Concealed air horn ▼ Integrated swim platform w/concealed 316L stainless steel swim ladder

**COCKPIT** ▼ Continuous molded fiberglass deck & cockpit liner ▼ Dash panels w/white carbon-fiber finish ▼ Gaffrig™ Redline backlit instrumentation, domed w/color-coordinated bezels ▼ Ritchie® compass ▼ Digital depth sounder ▼ Gaffrig shifters/throttles w/in-handle trim switch ▼ Fingertip trim override switches ▼ Safety ignition stop switches w/lethers ▼ Dino™ tilt steering wheel w/carbon fiber trim ring ▼ Latham external hydraulic steering (T-377 Scorpion only) ▼ Dash locker w/vanity mirror ▼ Auxiliary 12V outlet ▼ Illuminated waterproof accessory rocker switches w/E-T-A® circuit breakers ▼ Stereo volume control ▼ Two 170W 6"x9" 3-way marine-grade speakers ▼ Drink holders ▼ Courtesy lighting ▼ Integral 316L stainless safety rails ▼ Weather-resistant cockpit seating featuring Dri-Fast® foam & StarLite® XL synthetic marine panel construction ▼ McLeod® electric-assist offshore-style bolsters ▼ Aft lounge seating for four w/storage under ▼ Side coaming storage ▼ Fire extinguisher ▼ Battery selector switch ▼ Berber cockpit carpet ▼ Cockpit cover in color-matched non-fading Sunbrella® solution-dyed acrylic fabric with water-repellent SeaMark™ vinyl undercoating, or white polyester fabric w/double-coated resin topside & water-resistant underside coating

**CABIN** ▼ Sliding/locking cabin door ▼ Ultraleather™ double bow berth ▼ Ultraleather lounge seating ▼ Décor pillows ▼ Entertainment center w/stainless sink, demand water system & 25-quart Igloo® cooler ▼ Kenwood® AM/FM/CD stereo w/high power output-Sirius™ satellite compatible

▼ Two 100W 6 1/2" 2-way marine-grade speakers ▼ Hanging locker ▼ Portable head unit w/ dock-side pumpout ▼ Carbon monoxide fume detector

**ENGINE** ▼ Twin engine installation ▼ Motorized hatch lift ▼ Bimini top storage area ▼ Courtesy lighting ▼ Fume detector ▼ Automatic fire extinguisher ▼ Thru-bolted race-style engine mounts ▼ Remote oil filters ▼ Two deep-cycle batteries w/battery retainers ▼ Active & passive galvanic corrosion protection systems ▼ Bilge blowers ▼ Automatic bilge pump ▼ Bilge high water alarm ▼ Bennett® hydraulic dual ram trim tabs ▼ External stainless steel tie bar ▼ Stainless steel lab-finished 4-blade props ▼ Silent Thunder® exhaust

## 292 FAS<sup>3</sup>TECH AVAILABLE EQUIPMENT

▼ Gold Series four-color Imron design #1 or #2 in Bayport, Sanibel or Daytona Beach w/color-coordinated instrument bezels ▼ Bow docking lights ▼ Transom shower ▼ VHF radio w/antenna ▼ Latham external hydraulic steering ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control & 160W amplification ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control, 160W amplification & 10-disc CD changer ▼ Head unit w/Y-valve for macerator discharge or pumpout ▼ Engine freshwater flush system ▼ Captain's Call™ exhaust diverter ▼ Mechanical trim & drive indicators ▼ Bimini top in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating/concealed engine room storage ▼ Bimini front & side connectors & aft curtain in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating ▼ Non-fading Sunbrella solution-dyed acrylic fabric storage cover



**Formula rocker control switches keep you in touch with all systems.**

- ▼ Backlit accessory switches provide ready access and easy function identification.
- ▼ The specialized design waterproofs the rocker switch for ongoing reliability.

**E-T-A® circuit breakers protect critical systems from excess electrical current damage.**

- ▼ The "push-push" switch design easily disconnects or resets the circuit.
- ▼ Owners can rely on circuit security of electrical components.

- ▼ E-T-A circuit breakers eliminate the search for proper amperage fuses.

**FAS<sup>3</sup>TECH cockpits continue to look good for years because wood has been eliminated in construction.**

- ▼ StarLite® XL polyurethane marine paneling is used instead of wood throughout the entire cockpit.
- ▼ Seat cores are either rotocast plastic or formed fiberglass, serving as a virtually indestructible framework.
- ▼ Eliminating wood greatly extends the serviceability of your Formula and increases your pleasure in its continued good looks.

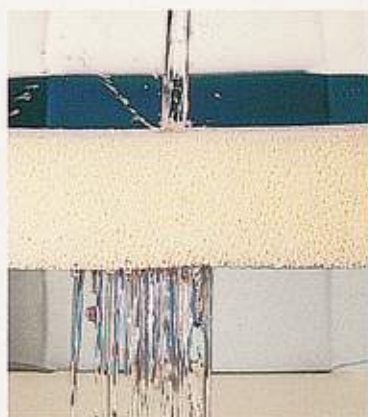
**There's plenty of room for your gear in a FAS<sup>3</sup>TECH cockpit.**

- ▼ PFDs and lines fit in the side coaming compartments.
- ▼ The aft seat hinges forward to access additional smoothly finished storage.
- ▼ Smaller items fit into the fiberglass-lined dash storage compartment.
- ▼ Each FAS<sup>3</sup>TECH model is equipped with a number of polished aluminum drink holders—a welcome convenience for everyone aboard.



**Dry cockpit seats please everyone aboard.**

- ▼ Formula cockpit seating is formed with Dri-Fast® polyurethane foam.
- ▼ Instead of becoming trapped, water drains through the foam, eliminating the discomfort of soggy seats.



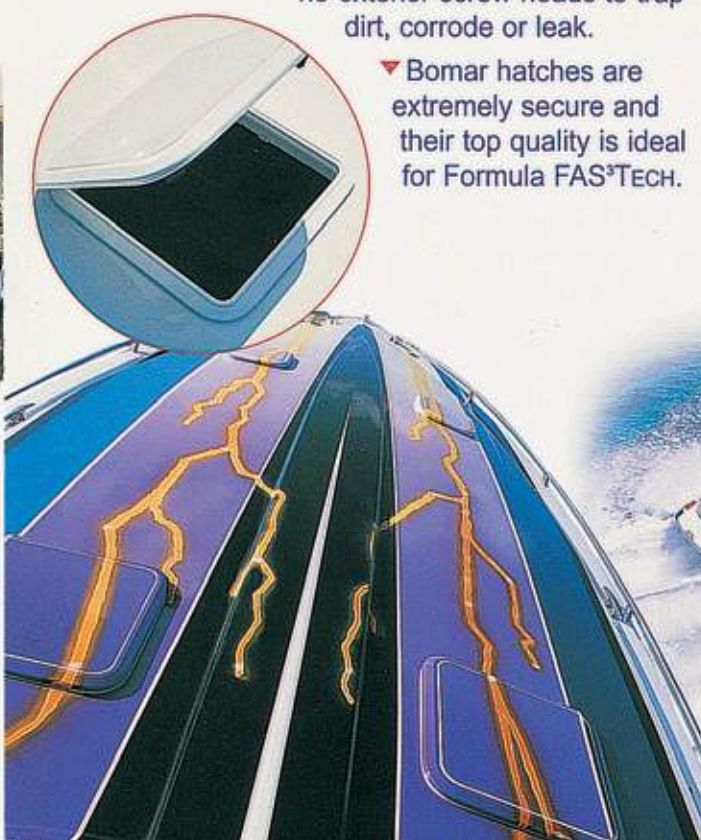
**A CAD/CAM fabric cutting system gives Formula upholstery its detailed, sculpted appearance.**

- ▼ The computer-based GERBERcutter® cuts rapidly with unvarying consistency.
- ▼ Complex patterning allows for intricately sewn designs.
- ▼ The special Tenara® thread by Gortex used in sewing all exterior vinyls will not deteriorate from UV, cleaning agents or saltwater.



**Formula FAS<sup>3</sup>TECH owners enjoy superior ventilation and daylight in the cabin.**

- ▼ Formula installs Bomar® CRX hatches constructed of Lexan® along with powder-coated Almag-35 cast aluminum alloy frames.
- ▼ With their sleek, low-profile design, there are no exterior screw heads to trap dirt, corrode or leak.



**Formula checks out each newly completed FAS<sup>3</sup>TECH in a test tank, so it arrives turn-key ready for your enjoyment.**

- ▼ Following an extensive checklist, all instruments, systems and accessories are tested.
- ▼ Technicians ensure that engines are operating at peak efficiency.
- ▼ Take command of your new Formula FAS<sup>3</sup>TECH—it's ready to perform for you.
- ▼ In other untested boats, system failures are discovered by the owner—not so in your Formula.



**Your new FAS<sup>3</sup>TECH has been water-tested on the topside, too.**

- ▼ A continuous spray of water on the foredeck confirms a watertight seal around deck hatches, hardware and along the windshield.
- ▼ All cockpit drains are flushed with water to confirm positive discharge flow.



**The sizzling graphic design on a Formula FAS<sup>3</sup>TECH is Imron®, extremely durable all-weather polyurethane enamel that never chinks or fades.**

- ▼ Special cleaning procedures are followed to prepare the deck and hull for Imron graphics before the designs are hand marked in place.
- ▼ Along with numerous masking steps, each color is applied one at a time in a dust-free spray booth.
- ▼ With minimal care FAS<sup>3</sup>TECH Imron graphics retain their original, like-new appearance year after year.
- ▼ Formula offers more exciting design choices in more color combinations than any other boat line.



**The Quality Assurance Program helps deliver a perfect Formula to you.**

- ▼ Both corporate and production personnel go over a finished boat during the final QAP inspection.
- ▼ Fit and finish are examined from a consumer's critical viewpoint.
- ▼ This reminds Formula Team members in all areas that the goal is top quality in every detail.

▼ On final approval, the Formula has earned its marquee of excellence—the gleaming Formula logo and prestigious Thunderbird emblem.

**Formula FAS<sup>3</sup>TECH seating is the best in the business.**

- ▼ Formula excels in expertly designed, professionally detailed seating.
- ▼ Separate preshaped foam components are arranged to provide optimal lumbar and leg support.
- ▼ Human dimension criteria is utilized to achieve correct proportions and contouring.
- ▼ You'll be pleased that the aft bench seating is so comfortable.

**Transportation grade vinyl takes lots of outdoor wear and still looks great.**

- ▼ Formula's top grade accent vinyls on the sun pad are color-permeated and match the exterior Imron® colors.
- ▼ Metallic vinyl accents spark the cockpit upholstery.
- ▼ The custom white vinyl, treated to resist staining, is comfortably cool, even in direct sunlight.
- ▼ Due to special knit backing, Formula vinyl holds its shape and looks new far longer.



**Formula cabinetry is expertly designed and skillfully tooled.**

- ▼ CAD/CAM routers cut, drill and groove cell-cast plexi-glass, laminates and reflective acrylics for a sleek, polished appearance.
- ▼ Cabinet installation is reinforced with heavy-duty stainless steel L-brackets rather than the standard aluminum.
- ▼ Exacting assembly methods and top-quality materials result in a clean presentation and precise fit.



FAS<sup>3</sup>TECH™ DIFFERENCE www.formulaboats.com

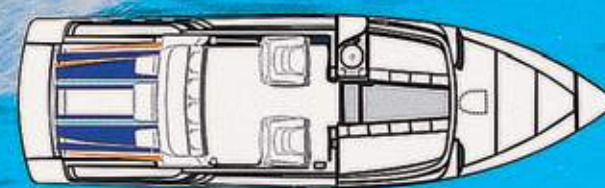
FAS<sup>3</sup>TECH™ DIFFERENCE

# 271 FAS<sup>3</sup>TECH™

16 271 FAS<sup>3</sup>TECH™ www.formulaboats.com



SILVER IMRON® DESIGN #1 "SANIBEL"



Formula 271 FAS<sup>3</sup>TECH  
1992 Offshore Boat of the Year

## 271 FAS<sup>3</sup>TECH SPECIFICATIONS

LOA	27' 1"	8.26 m
Maximum Beam	8' 3"	2.51 m
Approximate Weight	5,685 lbs	2,579 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"	1.5 m
Draft	34"	.86 m
Deadrise	24°	24°



## 271 FAS<sup>3</sup>TECH™ STANDARD EQUIPMENT

**EXTERIOR** ▼ NMMA Yacht Certification ▼ Transferable 5-year Formula limited warranty ▼ Silver Series three-color Imron design #1, #2 or #3 in Bayport, Sanibel or Daytona Beach ▼ FAS<sup>3</sup>TECH hull ▼ Foam-filled continuous molded fiberglass structural grid ▼ Chemically bonded & thru-bolted deck-to-hull joint ▼ Heavy-duty PVC gunwale w/stainless steel insert ▼ Concealed fiberglass anchor locker ▼ Stainless steel hardware & 316L stainless welded rails ▼ Pop-up fuel cap ▼ Two Bomar® cabin venting hatches w/screens ▼ Tinted, tempered curved-glass windshield ▼ Concealed air horn ▼ Integrated swim platform w/316L stainless steel swim ladder

**COCKPIT** ▼ Continuous molded fiberglass deck & cockpit liner ▼ Dash panels w/white carbon-fiber finish ▼ Gafrig™ Redline backlit instrumentation, domed w/color-coordinated bezels ▼ Ritchie® compass ▼ Digital depth sounder ▼ Gafrig shifter/throttle w/in-handle trim switch ▼ Fingertip trim override switch ▼ Safety ignition stop switch w/lether ▼ Dino™ tilt steering wheel w/carbon fiber trim ring ▼ Dash locker w/vanity mirror ▼ Auxiliary 12V outlet ▼ Illuminated waterproof accessory rocker switches w/E-T-A® circuit breakers ▼ Stereo volume control ▼ Two 170W 6"x9" 3-way marine-grade speakers ▼ Drink holders ▼ Courtesy lighting ▼ Integral 316L stainless safety rails ▼ Weather-resistant cockpit seating featuring Dri-Fast® foam & StarLite® XL synthetic marine panel construction ▼ McLeod® electric-assist offshore-style bolsters ▼ Aft lounge seating for four w/storage under ▼ Side coaming storage ▼ Fire extinguisher ▼ Battery selector switch ▼ Berber cockpit carpet ▼ Cockpit cover in color-matched non-fading Sunbrella® solution-dyed acrylic fabric with water-repellent SeaMark™ vinyl undercoating, or white polyester fabric w/double-coated resin topside & water-resistant underside coating

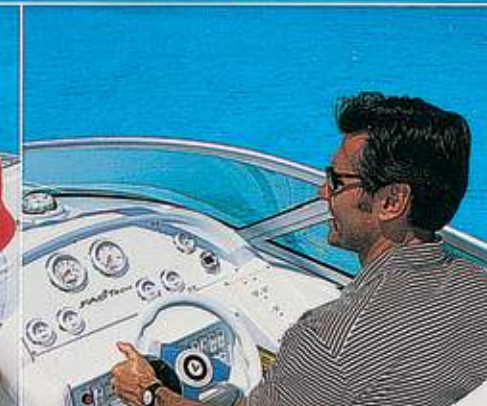
**CABIN** ▼ Sliding/locking cabin door ▼ Ultraleather™ double bow berth ▼ Ultraleather lounge seating ▼ Décor pillows ▼ Entertainment center w/stainless sink, water system & 25-quart

Igloo® cooler ▼ Kenwood® AM/FM/CD stereo w/high power output-Sirius™ satellite compatible ▼ Two 160W 4"x10" 2-way marine-grade speakers ▼ Portable head unit w/dockside pumpout ▼ Carbon monoxide fume detector

**ENGINE** ▼ Single engine installation ▼ Motorized hatch lift ▼ Courtesy lighting ▼ Fume detector ▼ Automatic fire extinguisher ▼ Thru-bolted race-style engine mounts ▼ Remote oil filters ▼ Two deep-cycle batteries w/battery retainers ▼ Active & passive galvanic corrosion protection systems ▼ Bilge blowers ▼ Automatic bilge pump ▼ Bilge high water alarm ▼ Bennett® hydraulic trim tabs ▼ Stainless steel lab-finished 4-blade prop (Merc) ▼ Silent Thunder® exhaust

## 271 FAS<sup>3</sup>TECH AVAILABLE EQUIPMENT

▼ Gold Series four-color Imron design #1 or #2 in Bayport, Sanibel or Daytona Beach w/color-coordinated instrument bezels ▼ Bow docking lights ▼ VHF radio w/antenna ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control & 160W amplification ▼ Kenwood AM/FM/CD stereo w/changer control, 3-D FL display, D-MASK+ motorized self-hiding faceplate, dash-mounted full-feature remote control, 160W amplification & 10-disc CD changer ▼ Demand water system w/transom shower ▼ Head unit w/Y-valve for macerator discharge or pumpout ▼ Engine fresh-water flush system ▼ Captain's Call™ exhaust diverter ▼ Bimini top in color-matched non-fading Sunbrella solution-dyed acrylic fabric with water-repellent SeaMark vinyl undercoating or white polyester fabric w/double-coated resin topside & water-resistant underside coating ▼ Non-fading Sunbrella solution-dyed acrylic fabric storage cover



**At Formula, component reliability is paramount—only the best products are chosen.**

- ▼ In evaluating new components, experienced technicians determine the quality and endurance of each item through extensive testing under conditions far more severe than normal use.
- ▼ Only the most reliable, most durable components with the best service support are selected.
- ▼ If the item fails to meet our tough standards, you won't find it in a Formula.



**Formula's curved glass windshield is clearly the best.**

- ▼ The curved, tinted, tempered windshield is correctly angled to deflect the rush of air from your eyes.
- ▼ The custom windshield is designed to provide excellent visibility with no distortion.
- ▼ The 382 FAS<sup>3</sup>TECH windshield is available with a polished stainless steel frame for even greater strength and beauty.

**316L stainless steel rails are a top-grade finish for all Formulas.**

- ▼ All Formula safety rails are welded 316L stainless steel, the highest marine-grade stainless available.
- ▼ If the rails on other boats aren't 316L, they're not good enough.

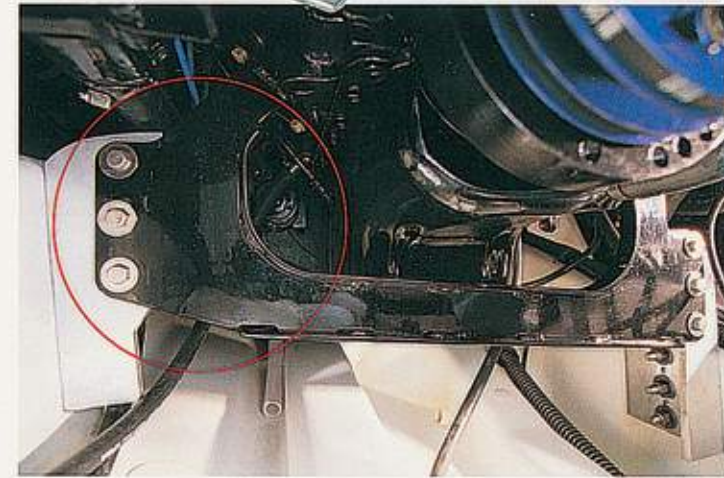
**All hardware is attached in the most rugged way for integrity you can count on.**

- ▼ When installing cleats and other hardware, stainless steel bolts with nylock nuts are applied through heavy metal backing plates to effect maximum reinforcement.
- ▼ All the head slots are also aligned as a trademark Formula finishing touch.
- ▼ Our hardware isn't just "lagged in" like some, but is installed for long-term integrity.



**Flexible O-rings seal up tight every time.**

- ▼ Formula places a flexible O-ring under the head of each bolt creating an invisible, watertight seal.
- ▼ Unlike silicone applications, bolts with O-rings can be adjusted or removed and still seal positively when resealed.



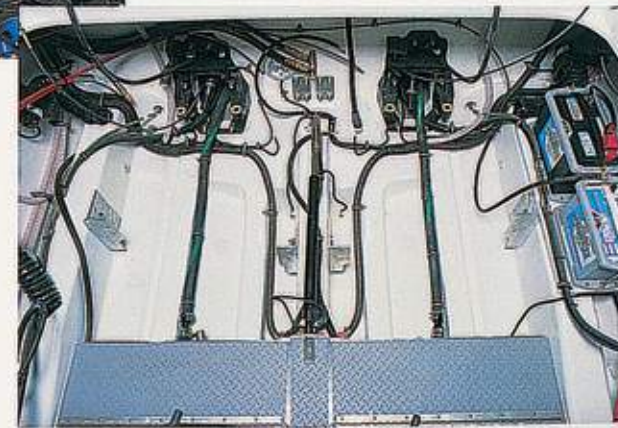
**Formula FAS<sup>3</sup>TECH engine mounts mean maximum security.**

- ▼ Formula thru-bolts all FAS<sup>3</sup>TECH engines and engine mounts using heavy, angled 1/2" aluminum race-style engine mounts.
- ▼ In lesser quality boats, lag-bolting engines into place is common practice.
- ▼ Formula's engine installation withstands the tremendous torque created at full throttle.



**Each FAS<sup>3</sup>TECH engine room features custom-style rigging as standard.**

- ▼ The Adel<sup>®</sup> Clamp, proven in the aerospace industry, secures hoses and wiring harness conduit, maintaining a clean, orderly appearance.
- ▼ Formula's meticulous routing of wiring and hoses facilitates troubleshooting.
- ▼ Formula's customized electrical rigging includes a specific designator for each system.



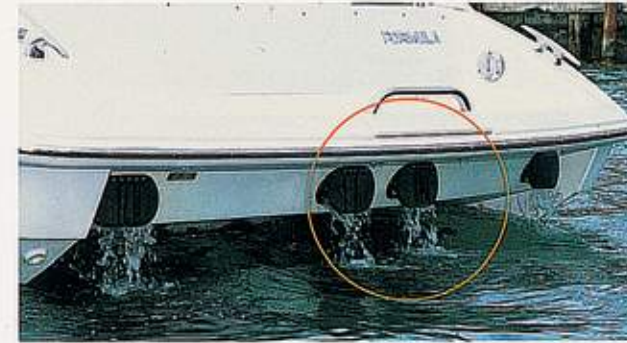
**Formula builds in reliability with "open trap" battery retainers.**

- ▼ A corrosion-resistant, non-conductive marine battery retainer is used in all Formulas.
- ▼ The "open trap" design ensures that battery gases cannot build up, and also



prevents accumulation of acid fumes and excess humidity.

- ▼ In addition, deep-cycle batteries are standard in all FAS<sup>3</sup>TECHS.
- ▼ Deep-cycle batteries can be recharged repeatedly without losing strength and are another way built-in reliability keeps you on the water.

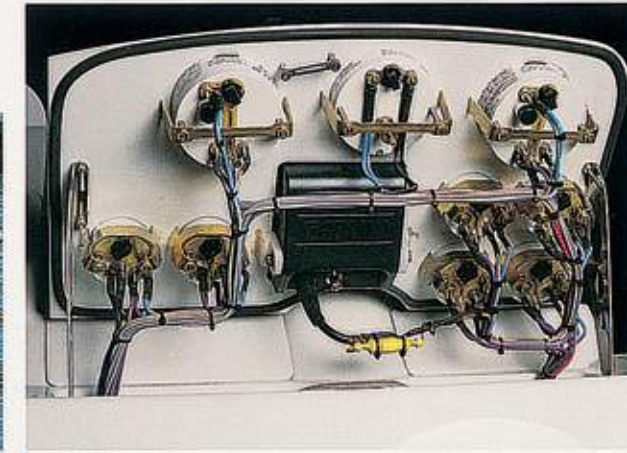


**Formula invented Silent Thunder<sup>®</sup> exhaust for maximum FAS<sup>3</sup>TECH performance without the ear-splitting roar.**

- ▼ This highly effective, patented muffling system integrated in the swim platform 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, you enjoy high-performance boating without annoying others.

**You can depend on Formula electrical systems to be up and running for all your good times on the water.**

- ▼ Instead of pre-insulated connectors common in the industry, each Formula connection is individually secured at Thunderbird 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, while the outer wall prevents shorts.
- ▼ Color-coded wires are routed through flexible conduit for protection and security.
- ▼ If service is necessary, access panels are easily removed and harness slack is provided to work with.



**Heavier-gauge wire maximizes systems reliability and extends life for all motorized components.**

- ▼ Major harness runs include transparent multiple-pin disconnects, tie-wrapped together and taped at each junction.
- ▼ These secured, waterproof connections are far superior to common methods.
- ▼ Less electrical maintenance overall is required due to these precautions.

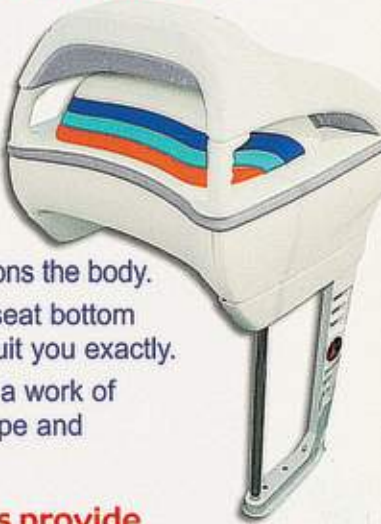
**Formula helm features meet the highest standards in quality and design.**

- ▼ All models specify a white Dino<sup>™</sup> steering wheel with FAS<sup>3</sup>TECH logo center and white carbon fiber trim ring.
- ▼ Dash panels of white carbon fiber highlight the race-style gauges.
- ▼ Gaffrig<sup>™</sup> precision engine controls are key on the Formula speed scene.



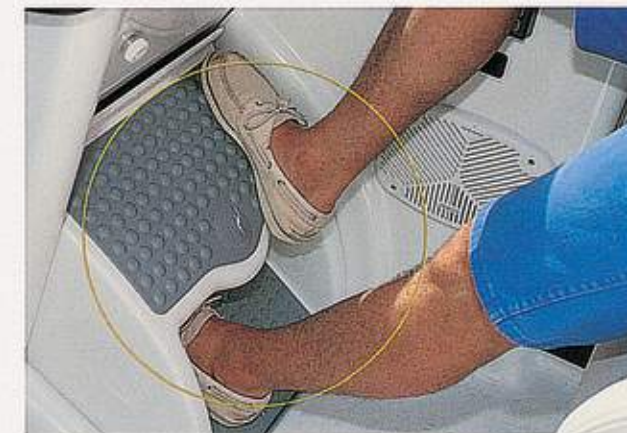
**The McLeod<sup>®</sup> racing-style bolster is unquestionably the latest, greatest technology in offshore security and comfort.**

- ▼ All Formula FAS<sup>3</sup>TECH models feature elite McLeod bolsters as standard.
- ▼ The electric-assist bolster snugly supports and cushions the body.
- ▼ By pressing a button the seat bottom adjusts incrementally to suit you exactly.
- ▼ McLeod bolsters are truly a work of art with their sculpted shape and exquisite detailing.



**Electric-assist footrests provide individualized ergonomics.**

- ▼ McLeod-designed footrests are standard on the 382 and 353 FAS<sup>3</sup>TECHS (available on the 312).
- ▼ The footrests adjust at the touch of a button for custom comfort.
- ▼ Both driver and companion positions offer this feature.



FAS<sup>3</sup>TECH<sup>™</sup> DIFFERENCE

FAS<sup>3</sup>TECH<sup>™</sup> DIFFERENCE

# 2003 Colors and Graphic Designs



In this power-seeking world of high-performance boating, Formula 2003 FAS<sup>3</sup>TECH™ continues as a front runner in performance and APBA offshore racing. Formula FAS<sup>3</sup>TECH is the ultimate personal statement on the water!

FAS<sup>3</sup>TECH performance boats are available in a variety of colors and graphic selections. There are three entirely new selections and a new color combination for 2003. Three Imron® levels (Silver, Gold, Platinum) are offered to provide a choice of 18 different performance designs. Metallic vinyl accents spark the coordinating cockpits.



## ▼ Platinum Imron Designs

The 382 and 353 FAS<sup>3</sup>TECHs are available in the exclusive Flame, Storm and Electrode designs. Each Platinum offering includes a minimum of seven custom Imron colors with special fading effects and clearcoat finish. The bolsters and rear seating in the Platinum series are all-white custom vinyl. Sun pads incorporate color-coordinated vinyls in a powerful presentation.

## ▼ Gold Imron Designs #1 and #2

Gold Imron designs which are an option on all Formula FAS<sup>3</sup>TECH models include two four color selections: Bayport, Sanibel and Daytona Beach. Each Imron design incorporates coordinating colors on cockpit bolsters, rear seating and sun pads.

## ▼ Silver Imron Designs #1, #2 and #3

Silver Imron designs which are standard on all Formula FAS<sup>3</sup>TECH models include three triple-color selections: Bayport, Sanibel and Daytona Beach. Each Imron design incorporates coordinating colors on cockpit bolsters, rear seating and sun pads.

### PLATINUM DESIGNS

### GOLD IMRON DESIGN #1

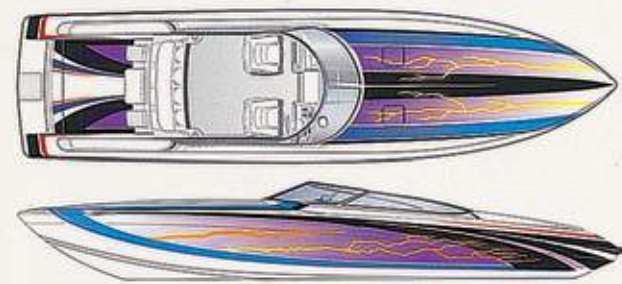
### GOLD IMRON DESIGN #2

### SILVER IMRON DESIGN #1

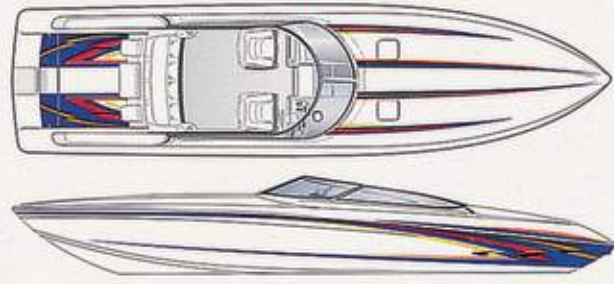
### SILVER IMRON DESIGN #2

### SILVER IMRON DESIGN #3

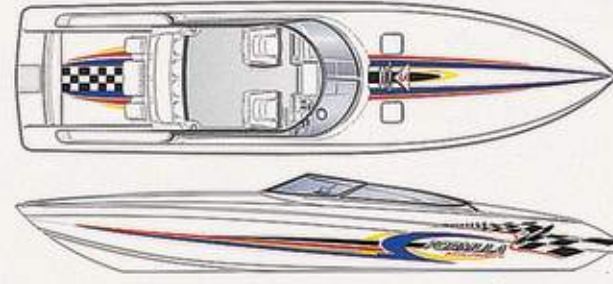
#### Storm



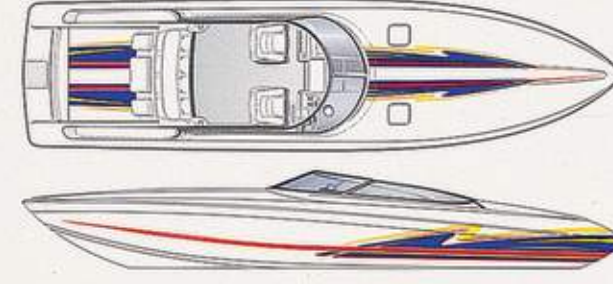
#### Bayport



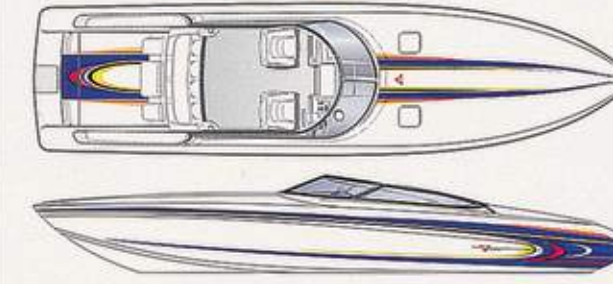
#### Bayport



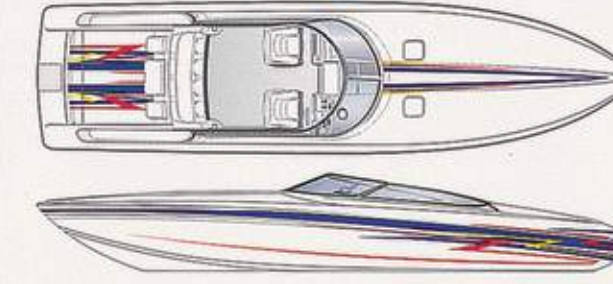
#### Bayport



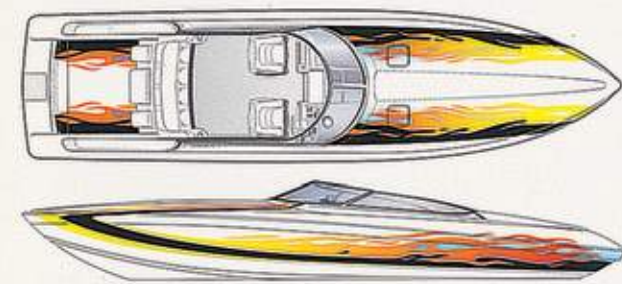
#### Bayport



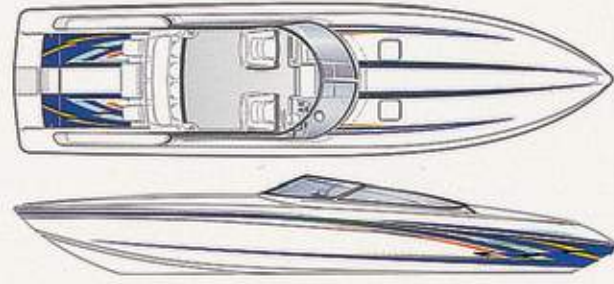
#### Bayport



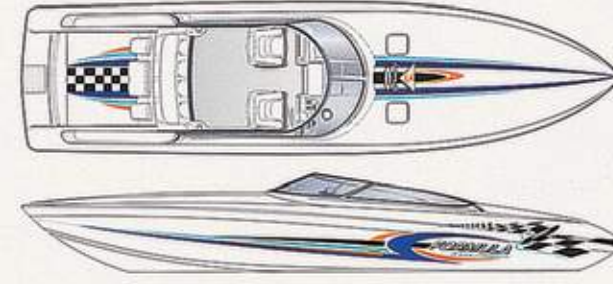
#### Flame



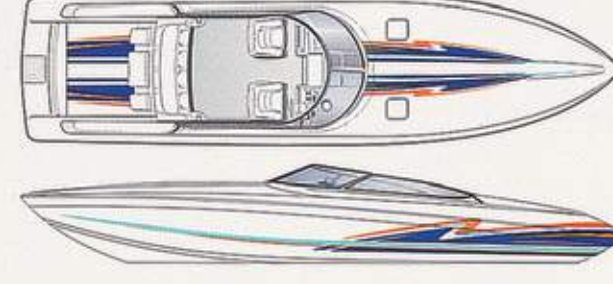
#### Sanibel



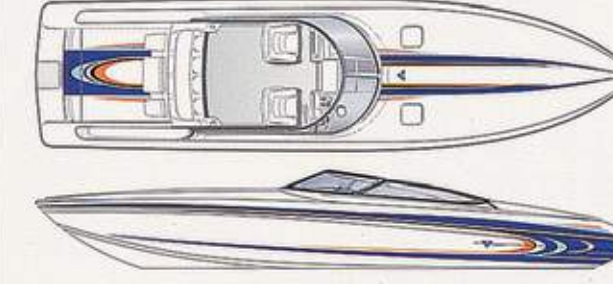
#### Sanibel



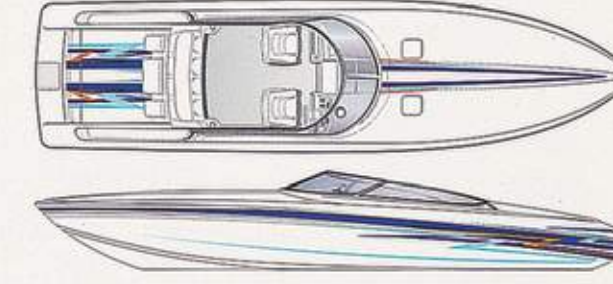
#### Sanibel



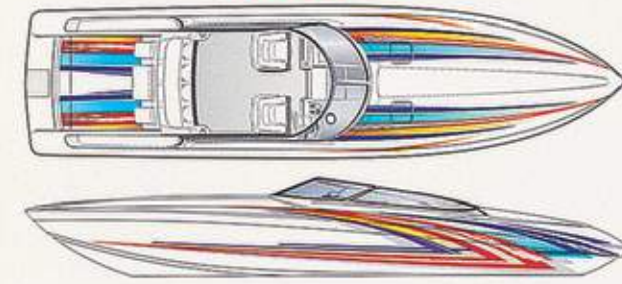
#### Sanibel



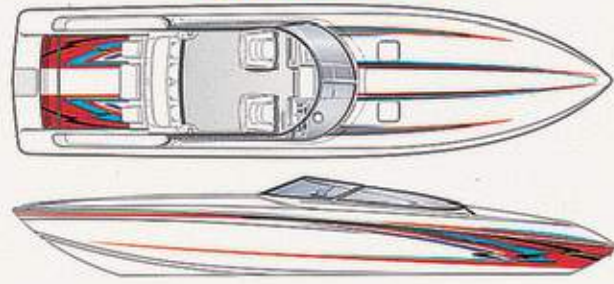
#### Sanibel



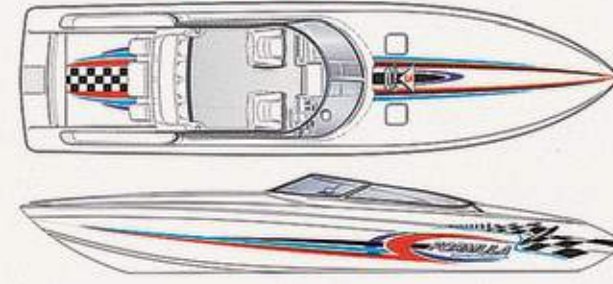
#### Electrode



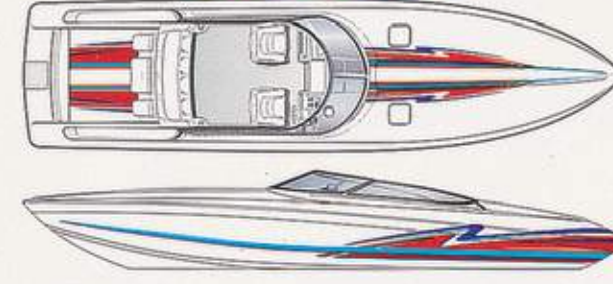
#### Daytona Beach



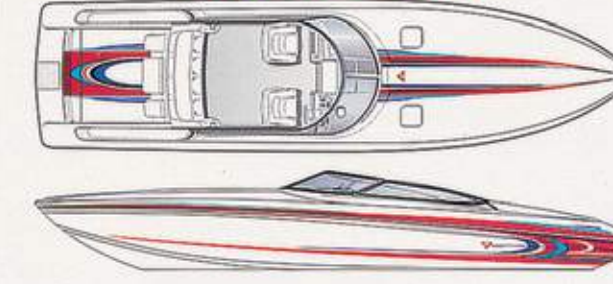
#### Daytona Beach



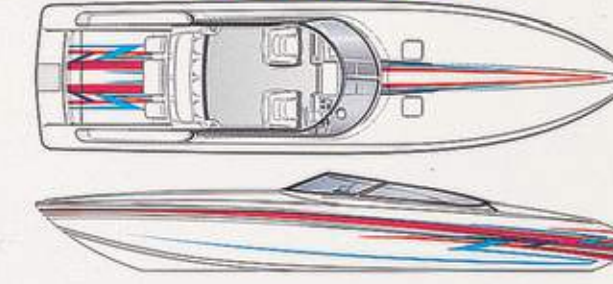
#### Daytona Beach



#### Daytona Beach



#### Daytona Beach





**FORMULA'S**

**A** **D** **V** **A** **N** **C** **E** **D**

**S** **P** **E** **E** **D** **T** **A** **B** **I** **L** **I** **T** **Y** **&** **S** **T** **R** **U** **C** **T** **U** **R** **A** **L**

**T** **E** **C** **H** **N** **O** **L** **O** **G** **Y**



The exclusive **FAS<sup>3</sup>TECH™** hull is the scientific **FORMULA** for performance excellence.

- ▼ The goal: increase Formula speed without sacrificing safety or handling.
- ▼ The result: the **FAS<sup>3</sup>TECH** hull, engineered for each Formula performance model.
- ▼ Experience Formula **FAS<sup>3</sup>TECH** excellence for yourself.

**FAS<sup>3</sup>TECH SPEED** means **FAS<sup>3</sup>T** Formulas.

- ▼ Extensive testing by the industry's toughest watchdogs has proven that the now-famous **FAS<sup>3</sup>TECH** hull isn't just another "step bottom," but an intricate, multiplane 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.



**CAD/CAM** technology delivers consistent accuracy.

**FAS<sup>3</sup>TECH STABILITY** is the ride you've been looking for.

- ▼ The stability engineered into a **FAS<sup>3</sup>TECH** hull makes you a pro behind the wheel.
- ▼ **FAS<sup>3</sup>TECH** provides superior pitch and roll stability and a softer reentry.
- ▼ This stability is achieved through step-location and specific shape and placement of strakes, pads and chines.

**FAS<sup>3</sup>TECH STRUCTURE** can take it out on the "big blue."

- ▼ To maximize hull strength and rigidity, Formula engineers, working directly with a fiberglass manufacturer, designed our own custom triaxial fiberglass.
- ▼ Reorienting the fibers to our specifications increased strength by 14% over standard triaxial fiberglass.
- ▼ 100% Ashland **AME<sup>®</sup> 5000** resin is applied throughout lamination, along with special coring materials in the hull side and deck.
- ▼ You can be certain your new **FAS<sup>3</sup>TECH** is built specifically for rugged offshore conditions.

**R&D precision brings Adams' designs to life.**

- ▼ Formula's focus on excellence begins in a model's earliest development.
- ▼ Design lines of each new Formula are converted to 3-D imaging using state-of-the-art software.
- ▼ Dimensions and positioning of complex systems and components are calculated so that cabinets, storage areas and structural components are executed precisely every time.
- ▼ A full-scale symmetrical master, or "plug," is built, requiring months of hand work to finish.
- ▼ Full-scale cabin and cockpit mock-ups are built to fine-tune ergonomics and space utilization.

- ▼ The key to the exacting fit of each component is the Formula state-of-the-art CAD/CAM system and the skilled technicians who operate it.
- ▼ The Computer Numerically Controlled (C-N-C) routers cut plexiglass doors, mirrored panels, countertops and many other components, maintaining accuracy to within thousandths of an inch.
- ▼ Sidewalls, headliners, cabinets and coaming panels meet exactly—no bead welt is necessary to hide faulty design.

**Formula's unique custom-engineered matrix ensures that each **FAS<sup>3</sup>TECH** is built strong enough to hold its own offshore.**

- ▼ Each hull is reinforced with a matrix custom-engineered to be much stronger than the usual stringer system.
- ▼ In **FAS<sup>3</sup>TECHS**, this framework is a continuous molded one-piece fiberglass grid bonded to the hull with **Plexus<sup>®</sup>** adhesive.
- ▼ The grid system, composed of woven fiberglass and **AME 5000** resin, is filled with structural foam. It is the culmination of thousands of hours of research, prototyping and real-world testing.
- ▼ The multiple spans in the grid are designed to distribute load forces exerted by intense offshore conditions over the entire hull.



**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 vital offshore where wave action takes its toll on all but the strongest construction.

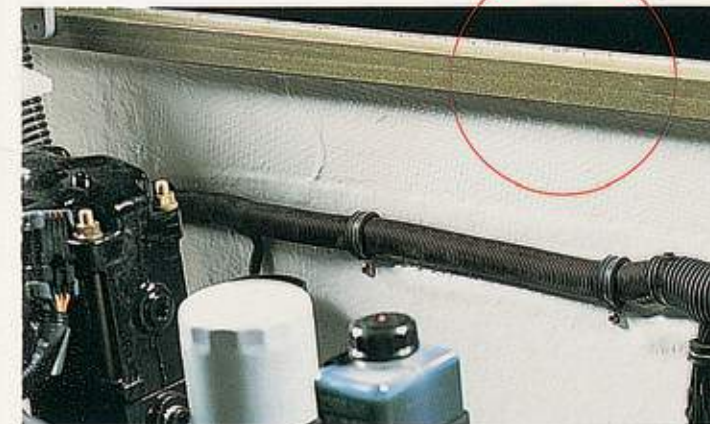


**The deck and hull are bolted together for fail-safe protection.**

- ▼ 1/4" stainless steel truss-head bolts along with load-distributing heavy metal backing plates are placed along the joint at 18-inch intervals.
- ▼ This final procedure is to prevent the joint from leaking or separating, giving your Formula durability and strength for years.

**Pultrusion reinforcement adds strength in critical areas.**

- ▼ Custom-fabricated fiberglass channel pultrusions bonded along the top of hull sides provide increased back-up support.
- ▼ The pultrusions are chemically bonded to the hull with **Plexus** adhesive to ensure structural strength without hull distortion.



**Each Formula cockpit and deck is formed in one piece for lasting beauty and easy seamless maintenance.**

- ▼ Formula **FAS<sup>3</sup>TECHS** are designed with a continuous foredeck and full cockpit molded entirely of fiberglass.
- ▼ This design principle achieves sleek, unbroken lines and greatly increases integral strength.



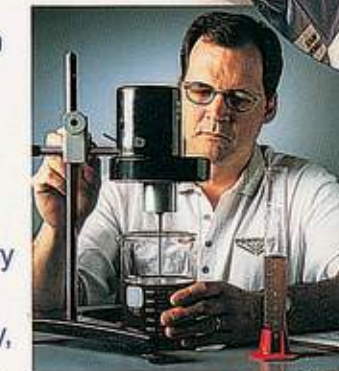
**An exacting lamination schedule results in your Formula's smooth, flawless finish and its reliable offshore integrity.**

▼ Gelcoat is first sprayed into a carefully maintained mold and becomes the gleaming Formula exterior.

- ▼ Through in-house Gerbercutter<sup>®</sup> technology, precut patterned shapes are produced. These specified shapes are then layered along with the exact ratio of catalyst to resin for best results.
- ▼ Each successive layer is handrolled and squeegeed to achieve uniformity and to eliminate air pockets.
- ▼ Divinycell<sup>®</sup> coring and Coremat<sup>®</sup> are also utilized to add lightweight strength in certain areas and also to prevent print-through.
- ▼ Formula's lamination schedule requires several days' cure time in the mold to avoid the foggy finish and surface distortion common in volume-driven builders' product.

**AME<sup>®</sup> 5000 resin is your assurance of a lasting, flawless finish.**

- ▼ Although **AME 5000** costs considerably more than general purpose resin, Formula specifies its use in all layers of fiberglass in every **FAS<sup>3</sup>TECH** hull.
- ▼ This modified epoxy, low-VOC resin protects the surface gelcoat with its exceptional strength and resiliency while providing more flexibility and greater resistance to crazing, distortion and osmotic blistering.



**Formula's lab testing leaves nothing to chance.**

- ▼ To ensure a continuous mirror-like finish, each shipment of resin is analyzed in Formula's chemical lab before being approved for use.
- ▼ Formula also automatically controls the temperature of the resin throughout storage and application to ensure consistent results.



# FACTORY 2 CLASS PODIUM CHAMPIONS!

Formula dominated the racing scene with more 2001 podium finishes than any other boat builder in the Factory 2 Class.



FORMULA RACING www.formularacing.com

- Recently honored with the **Mercury Racing Constructor's Cup** for the most Factory 2 podium finishes by any manufacturer, Formula Racing experienced another awesome year.
- Formula appeared strong, deep and focused with nine different Factory 2 Class teams and two different Factory 1 Class teams participating throughout the country. In fact, more Factory Class teams chose Formula than any other boat. That choice was highly successful for Formula teams in the Northeast, Southeast, Central and West coast Divisions.
- Let's Play Racing claimed a third-place title in the Worlds and placed fourth in the Nationals. Formula dealership Tal Marine, in their F2-62, won a second-place title in both the Central and Great Lakes Silver Cup Series (GLSCS) and a fifth at the Worlds. Anderson Racing, in their F2-77, earned a third in the Southeast and the Offshore Powerboat Racing Association (OPBRA). The Formula Factory 1 boat, F1-62, Talisman Marine, won a first place in the West Division and a fourth at the OPBRA—a spectacular season all around for Formula Racing.

Get into a FAS<sup>3</sup>TECH™ Formula—make it your Winning Choice of Factory Class Racing!

## FORMULA FACTORY 2 CHAMPIONSHIP FINISHES

APBA World Championships – Third Place  
APBA World Championships – Fourth Place  
APBA World Championships – Fifth Place  
APBA National Pro Series – Fourth Place  
Western Division – Champion  
Central Division – Second Place

Northeast Division – Third Place  
Southeast Division – Third Place  
Great Lakes Silver Cup Series – Second Place  
OPBRA Gold Cup – Third Place  
OPBRA Gold Cup – Fourth Place



### MERCURY RACING CONSTRUCTOR'S CUP

Formula Racing celebrated more APBA podium finishes than any other manufacturer during the 2001 racing season.



The Winning Choice of Factory Class Racing

# More on Formula...



### Formula Web Site

Formula's Web site is continually updated with new features, text and pictures. You'll be able to order Formula Gear online and also check out the latest Formula news, racing events, boat care articles, Thunderbird's company history and an owner forum. You can also order a catalog or visit the feedback/e-mail section for any comments or suggestions that you may have. Formula is at your fingertips! You will find Formula online at several locations: [www.formulaboats.com](http://www.formulaboats.com), [www.formulagear.com](http://www.formulagear.com), and [www.racing.formulaboats.com](http://www.racing.formulaboats.com) Just a few clicks, and you'll see the newest and best of Formula!



### The Formula Showroom™

Newly-designed Formula software creates a comprehensive display of our awesome 2003 lineup. This new program, The Formula Showroom, helps make the exciting process of choosing your Formula graphics, options and finance program much easier! See your Formula dealer for details.



### Formula Action



The Formula Action is a Thunderbird news publication filled with company updates, new model information and boating experiences of owners. 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 2003 Model Year Lineup

The Formula powerboat lineup includes Cruiser, FAS<sup>3</sup>TECH™, Sun Sport and Super Sport models. The elegant Formula Performance Cruiser series includes the 40 PC, pictured at top, as well as the 27, 31, 37 and 41 PCs. The popular Formula Sun Sport/Super Sport lineup includes the 400 Super Sport, middle. Sun Sports and Super Sports are perfect for dayboating and range from 26 to 40 feet, including bowrider and closed-bow models.

Call 1-800-736-7685 to receive a free brochure, or visit your nearest Formula dealer to see the new Formula models for 2003.



### Formula Gear

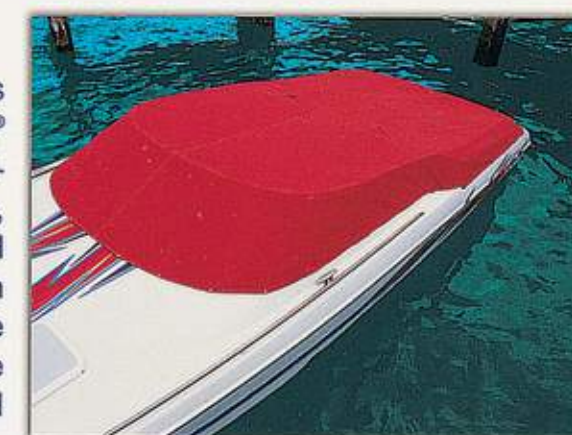
Formula Gear and Accessories are all top-quality items featuring the impressive Formula logo. If you like up-to-date colors and styling, visit your Formula dealer for a free catalog, order online at the Formula Gear Web site,

[www.formulagear.com](http://www.formulagear.com), or call 1-800-736-7685 to receive your free Gear catalog from Formula.



### Formula Canvas

Formula custom-fitted canvas features either color-matched, non-fading Sunbrella® solution-dyed acrylic fabric with water-repellent SeaMark® vinyl undercoating or white, polyester fabric, double coated with vinyl resin on the topside and finished with a durable water-resistant coating on the underside. Both canvas packages include 316L stainless steel framework and weather-resistant YKK zippers.



FAS<sup>3</sup>TECH cockpit cover—standard equipment for 2003

Boat smart from the start. Take a boating education course and get a vessel safety check for your boat. For more information, contact The United States Coast Guard Auxiliary at 800-368-5647 or [www.cgaux.org](http://www.cgaux.org), or The United States Power Squadrons at 888-FOR-USPS or [www.usps.org](http://www.usps.org).

FORMULA RESERVES THE RIGHT TO MAKE PRODUCT CHANGES AND IMPROVEMENTS THROUGHOUT THE MODEL YEAR.