

# The shape of today:



# Sportscoach<sup>®</sup>



The whole premise behind Sportscoach is to build the finest motor home possible. We have gathered all the creature comforts we think you could want and combined them with the most advanced techniques in engineering and design. No other motor home gives you everything that Sportscoach does. To see why, turn the page.

We want you to be cool when it's hot outside. So we give you two air conditioning units as standard equipment. This 13,500 BTU unit cools the entire coach. The other unit is just for the sportcab.

Our coach is reinforced with structural steel around the entire cab and structural steel roll bars for added protection in the coach area.

Our kitchen has everything. A 7.5 cubic foot refrigerator/freezer, built-in range, two-compartment stainless steel sink, travel lock drawers, a bread board that disappears when not in use, a counter extension, overhead cabinets and a dinette table with a cut-proof surface.

Sportscotch has a generous water holding tank and an unusually large toilet holding tank. They can be emptied separately or together, whichever is more convenient.

The cockpit. Our sportscab is fitted out with padded dash, padded window garnish, full-width sun visors, interior rear view mirror, adjustable steering wheel and 360-degree, aircraft-type bucket seats.

The hot water heater has a built-in heat exchanger that gives you hot water all the time, even if you aren't using the propane furnace.

The Sportscotch is aerodynamically designed to let the air flow around the coach instead of hit it head on. This can improve gasoline mileage and performance as much as 20%.

We give you a bumper in front of a bumper, both front and rear, for added protection.

There are no wooden members on the Sportscotch. We use either structural steel or aluminum and we build in five protective frames for added security.

Like the walls of our coach, the floor is made of sand-wiched layers of plywood and polyurethane insulation, but the floor also has a special aluminum underbelly to ward off corrosion from snow, rain, mud and slush.

Seats are anchored to the chassis, not to a wooden floor, as in many motor homes. Seat belts are anchored the same way for the ultimate in protection.

The Sportscotch is the strongest chassis in the industry. We've given it 750 pounds of additional steel reinforcement support and stability.

All cabinets come with padded corners so no sharp edges can scratch you or tear your clothes.



"Command control panel" tells you everything you need to know about workings of the motorcoach — how much water you have on hand, how much propane, the condition of your batteries and much more.

The skylight is extra large and equipped with a quick release lever for emergencies.

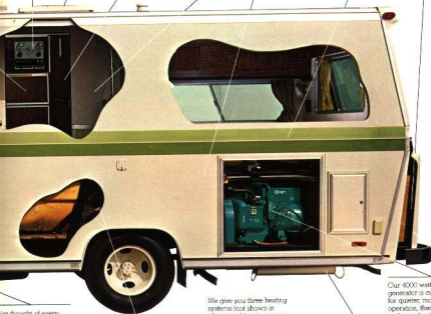
On coaches with the side berth (pictured here), the hallway outside the berth can be closed off at both ends for a spacious, unobstructed dressing area.

Sides of the Sportcoach are made of a two-inch slab of polyethylene insulation sandwiched between layers of plywood, with textured aluminum on the outside and vinyl-coated plywood inside. A wall of strength.

A patented extrusion aluminum module bond beam surrounds the mid section of the coach for extra strength and protection.

The shower (not seen in this cutaway) is a one-piece, reinforced fiberglass module with waist high walls. It's sealed to the waterproof walls to prevent leakage anywhere.

We give you unusually large storage areas outside the coach, plus a full-depth trunk area that can convert into a work bench.



We've thought of everything for comfort, convenience and luxury. We've even had all our carpeting, upholstery and drapes custom designed and custom dyed.

Our custom designed fresh water tank is made of polyethylene plastic so you never get any "tank taste" from your water.

All hot water pipes are wrapped in half-inch rubber insulation to keep the water hot and prevent irritating rattles and squeaks.

We give you three heating systems (not shown in photograph) to keep you warm. One for when you're parked, one for when you're driving and one specifically designed for the sportcoach.

Our 4000 watt Onan generator is custom-tuned for quieter, more efficient operation, then surrounded on four sides by sound-proofing.

The concealed sewer hose carrier is convenient to get to and always stays out of sight.

# Sportscoach® vs. Motorized Trailers.



The Sportscoach is a home designed to move over roads.  
A conventional motor home is little more than a trailer riding piggyback on a truck —  
a motorized trailer.

What's the difference? Plenty.



Conventional motor homes (like conventional trailers) are built the same way a frame house is built. A wooden structure is nailed together and covered with some sort of siding.  
Sportscoach building techniques come from the aircraft industry, not the housing industry.  
That's why Sportscoach has a unique Modulebeam® construction for super strength, light weight and aerodynamic design.

Conventional motor homes get old before their time. They rattle and squeak and list and dent and warp and leak.

Sportscoach is designed to last.

# Safety & Construction.

## The reason for the shape.

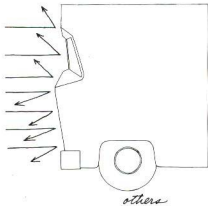
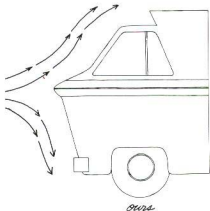
You've seen other motor homes. Most of them are stub-nosed, so they hit the air flat on.

Sportscoach is aerodynamically designed to let the air flow around the coach, the way it flows around the nose of a jet plane.

Notice the little hump on the roof. It's called a spoiler. And it's another example of Sportscoach's aerodynamic design.

On a vehicle this size, the spoiler is needed to change the flow patterns of the air and give you less wind resistance.

Owners tell us our design gives them a 20% increase in power and mileage. They get from 8 to 10 miles per gallon with Sportscoach. Conventional motor homes get about 7 to 8 miles per gallon.



## Getting down to basics.

The most important part of the Sportscoach is the part you'll never see.

The substructure.

This is where our engineers get tough. While most manufacturers just build a house on a chassis, we start off by building a stronger chassis.

We give you additional "cross beams" for a stronger footing to build on. We give you "outriggers," so the support you get at the edge is as good as the support you have in the middle. All this is fused into place using continuous arc inert gas welding.

That's the way jets are put together.

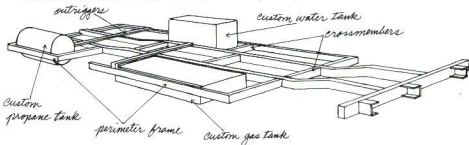
## Protecting the works.

At impact level on all four sides, we wrap the coach with a 1½" by 4" steel girder

that protects the battery compartment, the gas tank, the propane tank, the holding

tanks, the generator, everything.  
If someone is foolish enough to bang into

your Sportscoach, he goes to the repair shop. Not you.



### Protection on all sides.

We don't know of a Sportscoach that has ever rolled over.

bottom of the coach.

But we protect you anyhow.

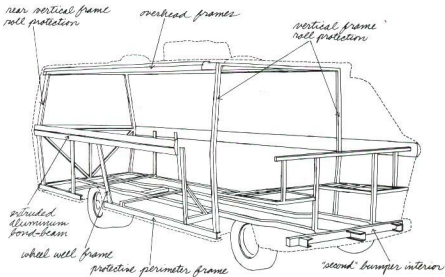
Even the siding is structural in nature so it gives another form of support.

Both front and rear of the coach are supported by overhead structural steel frames.

How well does all this protect you?  
Ask Trailer Life magazine.

Extruded aluminum bond beams give added support along the top, middle and

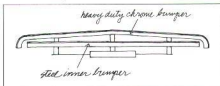
They say anyone in an earthquake area would do well to get a Sportscoach — just as a shelter.



### A bumper in front of a bumper.

Another part of the structural steel framework of the Sportscoach is a second bumper — front and rear.

A second bumper has a function. It gives you a second layer of protection. And it also comes in handy if you ever need to be towed.



### The walls of the coach.

If you look closely at the walls of the Sportscoach, you'll find they are thicker than the walls on a conventional motor home.

They are also stronger.

It's all in the way they're built. Our Astro-Temp® paneling is made of sandwiched layers of strength and insulation.

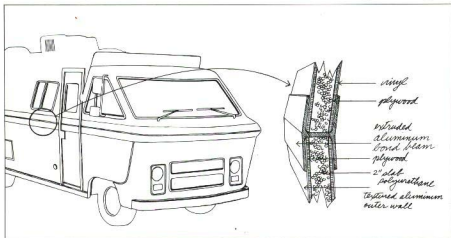
First there is an aluminum outer wall.

Then a plywood wall for stability and flexibility.

Next a two-inch slab of tough, resilient polyurethane insulation.

Finally another layer of plywood and a layer of vinyl.

All this is bonded together into one structural unit. It's another aerospace technique.



### A bond of strength.

Most people don't realize that the racing stripe along the side of a Sportscoach is more than a decoration.

It's a part of the basic structure. That stripe is painted on the patented, extruded aluminum bond beam that runs the length of the coach. There are two other aluminum

beams, one along the top, one at the bottom of the coach.

When the siding is bonded to these three beams, the whole unit becomes one solid wall of strength. Once the bond is made, it is virtually impossible to take apart.



### **Moving like the wings of a jet plane.**

The walls of our coach have another characteristic you'll like.

They move.

Just like the wings on a jet plane, they can flex and twist under stress.

Any moving vehicle experiences stresses. And our engineers know that whenever you build something rigid, these stresses

generally go to the weakest point.

That's where the trouble begins.

Sportscoach engineers have planned the entire vehicle with flexibility designed into it.

Everything absorbs a little bit of the stress and no one thing has to take a lot.

Like a jet.

### **Between you and the elements.**

If it's 20 degrees below zero outside, you want the 20 below temperature to stay outside.

Here's how we manage that.

The insulation we use is polyurethane, the best form of insulation you can find in any motor home.

Polyurethane is a "closed cell" material which means it's dense. Not porous. Moisture can't seep through. Neither can cold or heat.

Consider what happens in conventional

motor homes. The manufacturer either blows a form of insulation inside the walls, or he inserts rigid foam panels, or he nails in "batts" of insulation.

None of these methods do what they should. All they give you is a choice between inconsistent density and poor insulating quality or loose materials that can shake down and leave you unprotected.

Our insulation is structural. Solid. It works. It lasts.

### **Sealing out the cold.**

We even seal around the edges of our insulated walls with an epoxy-based insulating material that never hardens so it never cracks or pulls away from the surface.

We seal everything.

Even the small holes that are drilled for tail light connections.

You'll never say, "I think I feel a draft."

### **The thud of the door.**

The amateur's test of any automobile is to slam the door. A good, solid thud is reassuring.

We urge you to go a little further and check out the door frames.

That's where the real assurance is.

All motor homes have the same kind of tough door handles. Regulatory agencies require it.

But there are no regulations covering the door frame. And the frames that some

manufacturers put into motor homes are little more than thin sheet metal that can be stripped right off.

Our door frame is made of aerospace grade aluminum and bolted to the steel frame so it becomes an integral part of the structure.

You can't strip it off.

Notice the hinges. Each is a solid piece of cast aluminum. They are the kind of hinges you find on jet planes.

### Why motor homes list to one side.

You've seen motor homes poking along the highway in the slow lane, listing heavily to one side.

The problem is weight distribution.

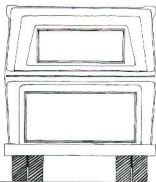
That's another place where our engineers shine. They have managed to build a completely equipped, aesthetically pleasing coach with virtually no weight differential side to side.

Not only are appliances arranged for

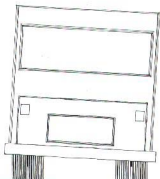
balance, but also the propane tank, the holding tanks, the generator, the heating system, the works. We have even designed a special water tank that fits over the rear wheels for a better distribution of weight.

If you don't know how rare this balance is in a motor home, test drive another model. Then drive a Sportscoach.

You can feel the difference in two blocks.



*ours*



*thurs*

### Quiet pipes.

If you were building a home on a concrete foundation, you would have very little problem with plumbing vibrations.

But a motor home is always on the go and the rattle of metal against metal could

drive you up the wall.

That's why every piece of pipe and tubing in the Sportscoach is wrapped in elastomer cushioning at every friction point.

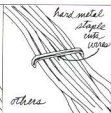
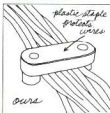
### How we protect the wires.

Our designers have done a thoughtful thing with the wiring too.

They hold it in place with insulated plastic clamps that anchor to the frame. No metal staples.

Conventional motor homes use metal staples. They can wear through a wire and short out an entire electrical system.

Metal staples are risky. We never use them.



### Keeping warm.

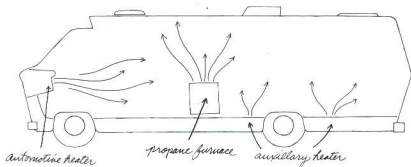
Some motor homes have one heating system. Some have two. We give you three. Standard.

The first two you might expect.

For when you're parked, there's a forced air propane furnace that warms the entire coach.

For when you're driving, there's an automotive heater/defroster to keep things comfortable in the sports cab.

The surprise is our unique auxiliary heater that keeps your whole family warm if they're in the bath or sleeping areas of the coach while you're up front driving.



### Keeping cool.

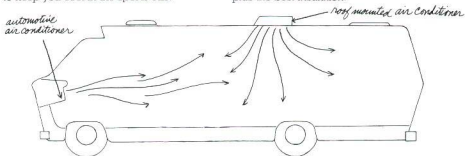
Our approach to air conditioning is just as complete.

We figure you will be doing much of your traveling in the summertime. Maybe you'll be in the Bayou Country or Baja or one of a thousand other places where air conditioning will mean a lot of comfort. So we have a dash-mounted automotive air conditioner to keep you cool in the sports cab.

And a roof air conditioner for the rest of the cabin.

Then our polyurethane insulation lets you stay cool. Heat doesn't creep in, the way it can in motor homes with light duty walls.

Conventional motor homes don't give you any air conditioning, except as options. We give you two units as standard equipment, plus the best insulation.



### Always a little extra gas.

Some motor homes look like they were designed by people who never spent the night in a motor home.

They miss out on helpful ideas like this.

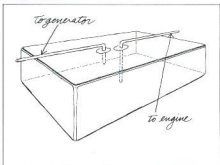
The gas tank on the Sportscoach holds 64 gallons and it has dual feeders.

One to the generator.

One to the engine.

But the one to the engine is just a little bit lower in the tank.

That means you've always got enough gas left to get to the service station — even if your generator's run out of gas.



### The electricity you need.

No matter what kind of extra appliance you may want to use, Sportscoach has the power to handle it. There are four duplex electrical outlets inside the coach and one outside, for things like cook-outs.

The heart of the electrical system is an Onan generator with a specially tuned

exhaust manifold to reduce back pressure (that means it's more efficient) and hold down the noise level.

This whole unit is encased in four walls of soundproofing.

The people camping in the tent nearby will thank you.

### Starting from scratch.

Sportscoach comes equipped with two complete battery systems. An 85-amp battery for the engine. And a super, diesel truck-type 174-amp battery for all coach functions.

If your engine's battery ever fails, you can

switch over and draw on the coach battery.

And you can get to both batteries from outside the coach. That way a service station attendant doesn't have to come inside for check-ups.

### The "command control panel."

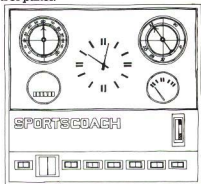
This is where you begin to feel like the pilot of a 747.

The specially designed, electronic control panel on your kitchen cabinet looks almost that complicated. Actually, it's simple.

It tells you what time it is (timed to the second), what the temperature is, what the barometer reading is and gives you a nifty night light to read it all by — even at 3 AM.

It shows you at a glance what condition your battery's in. If it needs charging. If it needs water.

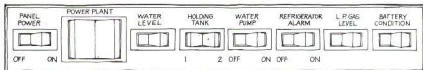
It also lets you switch on the generator and then keeps reminding you that the switch is on.



It warns you if the refrigerator pilot light goes out.

It indicates how much propane you have, how much fresh water you have and whether or not either of your dual holding tanks is getting full.

The whole idea is to give you the facts you need for complete comfort. And peace of mind. We don't want you out in the night air with a flashlight, trying to see if all the machinery is working the way it should.



### Check and check again.

Before the Sportscoach ever leaves the assembly area — before it's even put on the road for a performance test — our inspectors make 358 different checks to make sure everything is right.

They check for strength, workmanship and function.

And when the check is over, we have an inspector's signature next to every item on our list to show that everything is approved.

Or else the coach never goes out the door.

Inside our plant there's a sign, "Be proud, you are building a Sportscoach."

# Comfort & Convenience.

### The efficiency of a space capsule.

Despite the long list of features we offer, the most impressive part of the Sportscoach is something you have to see and experience for yourself. How it all fits as a unit.

Nothing is wasted. Nothing is scrimped on. Outside of a space capsule, this is prob-

ably the most thoughtful and efficient use of living space you will ever find. Yet there is never the feeling of being cramped.

It's just that everything works together. Beautifully.

### The look and feel of luxury.

Every piece of fabric you find in the Sportscoach is color coordinated and custom dyed for us. The carpet, the upholstery, the drapes.

The cushions in the dining area are reversible. Solid on one side, patterned on the other. We thought you'd enjoy a change

now and then.

The walls are vinyl. They're rich looking and easy to clean. And tough.

All the woodwork is finished completely. Even inside the cabinets and storage areas. It's a little thing, but it's typical.

## With us, the options are standard.

When you buy an ordinary motor home, you get the bare bones. Then comes the pitch for the extras.

With Sportscoach, just about everything you could possibly want is standard.

Air conditioning, furnaces, generators,

AM-FM stereo tape deck. All these are standard.

The standard Sportscoach you buy is more complete than most motor homes with options.

## A kitchen to cook in.

It's not a counter. It's a kitchen.

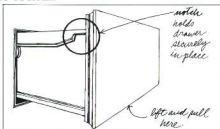
That means you can do anything there. Make jelly, bake bread, cook a 10-pound Thanksgiving turkey with all the fixings for a family of six.

And never feel cramped.

Extra work space seems to come from nowhere. There is a lift-up counter extension near the door, a pull-out bread-board for cutting and laminated covers that go over the two stainless steel sinks.

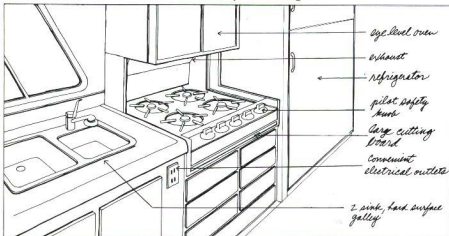
The oven is eye-level and self-cleaning. Over the four-burner stove you have a hood with a power fan and work light. The refrigerator/freezer is 7.5 cubic feet.

All cabinets are padded at the corners. So sharp edges can't scrape your legs or tear your clothes.



Kitchen drawers are slightly notched so they don't roll out on a turn. The insides are plastic (and removable) for easy cleaning.

There's also a vinyl molding that separates all cabinetry from the walls and hard surfaces. We put it there so you'd never have to listen to squeeks and rattles while you're driving.



### Storage space, inside and out.

Since the Sportscoach has so much going for it already, you wouldn't think there would be a square foot left over for storage. But you'd be wrong.

Actually it has 102 cubic feet of usable storage space. Some of it inside. Some outside.

All out of sight.

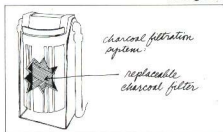
### The good taste of water.

In some areas, the water is delicious. In some areas it isn't.

But it doesn't matter.

The Sportscoach is equipped with a charcoal water filtration system. No matter where you get your supply, the water is going to taste good.

And since our water container is polyethylene plastic, you'll never get a "tank taste" to your water.



### The driver's seat.

It's more like your favorite chair than a driver's seat.

The chair is fully adjustable, with a high back and movable arm rests.

And it's safe. In conventional motor homes the pedestal is fastened to a plywood floor. In ours the pedestal is welded to the steel chassis and the seat belts are anchored there, too.

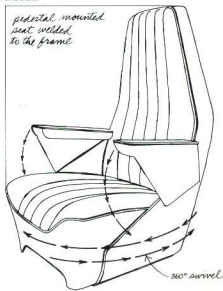
You watch the road through tinted safety glass and your view is panoramic. It lets you see in all directions, even below you in front of the cab.

Some motor homes don't give you this kind of safety precaution.

The steering wheel can be adjusted so anyone will be comfortable driving.

The hump in the cab is molded low and carries a convenient accessory tray.

But the best part is the insulation. The noise and heat from the engine are almost non-existent.



### After a long day, a nice shower.

Sportscoach has found a way to get around the bugaboos that make it a nuisance in most motor homes.

For instance, we have a high-capacity, constant-pressure, automatic water pump.

That means your shower comes in a steady spray instead of drips and drabs.

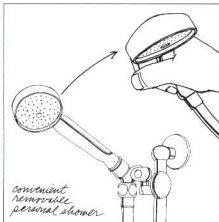
Your shower spray is detachable so you can shower everything from nose to toes.

Hot water?

Our fast recovery water heater is so fast it's almost instantaneous.

And because of our unique system of using engine water to heat your supply tank, you always have a supply of hot water the instant you park.

Without using the propane heater.



### More luxuries.

There is also a 17-inch wash basin, big enough to wash coveralls in.

The toilet is full-size. The dressing room mirrors are full-size.

In the bathroom area there is a regular AC electrical outlet, as you would expect. But we also give you a 12 volt DC outlet, just in

case your electric razor works on DC.

And there's plenty of water. Sportscoach is equipped with a giant fresh water tank.

We've also provided two kinds of holding tanks. One for toilet and one for other waste. Both are unusually large for motor homes and they can be emptied separately.

### A good night's rest.

Our mattresses are fire-retardant, hospital type made of thick polyurethane foam.

Designed for comfort.

The window and privacy curtains (for the front of the cab) are arranged to give you

absolute privacy when you want it.

And the skylights are there for added ventilation.

It also lets you do what few people can do. Sleep in complete comfort under the stars.





**This brochure is probably inaccurate.**

The day it was printed the brochure was right on target. But let us tell you a little about how we build the Sportscoach.

We start off by designing the finest motor home we can. We test and check and test and check again. Then we deliver it to our dealer.

But that's not the end of it.

If we get a letter from an owner who says that something is wrong (no matter how

small that something might be), we go immediately to the assembly line and check it out.

Then, if we can correct the problem and improve the Sportscoach, we do it on the spot. We never wait until next year's model.

This is why we can't be sure that our printed material is right up to the minute, but you can be sure that your Sportscoach will be.

**SPORTSCOACH** **SCA**  
CORPORATION OF AMERICA  
9134 Independence Ave., Chatsworth, California 91311 • (213) 882-8522



Ask your Sportcoach dealer for complete specifications and technical information.