



THE ARISTO-CRAFT "INSIDER"



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SEPTEMBER/OCTOBER 2009

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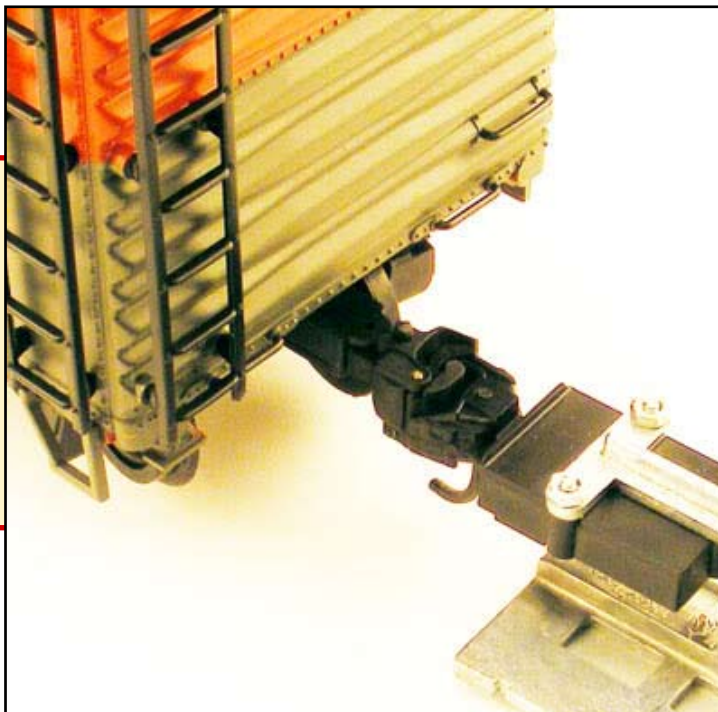
The Aristo-Craft Kuppler

It's all about standardization and the NMRA is recommending the Kadee (a trademark of the Kadee Company and not related to Aristo-Craft in any manner) coupler as the standard for the Large Scale industry (with the permission of Kadee) much as it has happened in the H.O. gauge field. We can't agree more and have produced a body mount Kadee compatible coupler head that locks with theirs perfectly.

But we did not agree with their body mount piece as it is a great collector of debris. There is no casing to gather dust and dirt out of doors, so the operation stays free.

Also, we will modify our cars in the future to have a flat pad with pre-drilled holes for the Kadee 830 and also the Aristo-Craft Kuppler. It's possible to reposition the Kuppler to any distance you prefer if you drill your own holes, as we will not have a pre-defined coupler pocket, just a flat. We will also provide a metal jig with holes to allow users to drill their own holes on the flat depending on the coupler of their choice.

The Aristo-Craft Kuppler has been



ART-29190 Body-Mounted Kuppler

tested extensively in both long car trains and in both directions to ensure the proper strength of its springs and turning capabilities. We will not provide them on our cars initially, but only sell them as add-ons much as Kadees are sold. Eventually, some models will have them installed at the factory and depending on the car and market demand the integration will follow or not.

Aristo-Craft will also have its own height gauge by the end of the year, so that we will have a full system for implementation. We will also look at a way of conversion of the head to locos and our truck-mounted couplers in the future.

***See Page 2 for a special
coupler trade-in sale!***

Aristo-Craft Coupler Trade-In Sale!

Our coupler mold was made some 20+ years ago and we've recently upgraded the couplers for stronger holding in long consists. Our dealers tell us the Aristo-Craft truck mounted coupler is still amongst their best selling couplers, so we know it fills a need. We have a new upgraded version due out in October, which has greater pulling power.

If you have couplers for long train hauls and the current ones didn't quite do the job, we're offering a coupler trade in sale. Send us any couplers that haven't been long haulers and for \$3.00 a coupler, we will replace them. Shipping of \$5 is extra, but it's the same price for one or 50 couplers. Try a few and if you agree that they are what you're looking for you can send in more. We'll keep the sale going until all of you have had a chance to revitalize your fleet and the demand has diminished.

Yes, you have to pay to send the couplers back, but we have no other control method to make sure we're not just undercutting the distribution chain by offering a lower price directly to you.

We can't give you shipping delivery advice on these replacements as they will be sent by USPS mail, but we will also not use your charge card until the goods are on the way back to you. We cannot replace hook and loop couplers with knuckle couplers, so any of those that come back will not be returned or replaced.

Send Your Aristo Couplers to:

***Polk's Hobbies
Attn: Coupler Sale
698 S. 21st Street
Irvington, NJ 07111-4109***



<u>Item</u>	<u>Description 1</u>	<u>List</u>
ART12101	ALUMINUM STRAIGHT 12	42.00
ART12105	ALUMINUM RAIL 8' (12 PCS)	200.00
ART12110	ALUMINUM CURVE TRACK 4'(24PCS)	126.00
ART12160	ALUMINUM CROSSING 19.5 DEGREE	30.00
ART12161	ALUMINUM CROSSING 30 DEGREE	30.00
ART12162	ALUMINUM CROSSING 90 DEGREE	30.00
ART12175	ALUMINUM SWITCH WIDE LEFT MAN.	60.00
ART12176	ALUMINUM SWITCH WIDE RIGHT MAN	60.00
ART12181	ALUMINUM TRACK 10' CURVED	125.00
ART12199	ALUMINUM ST. TRACK 5'(12PCS)	225.00

Aluminum Track In-Stock Now

We have just received our first shipment of ART-12100 series Aluminum switches and crossings as well as a selection of straights and curves. The prices make track affordable after copper became the new gold. Yes, the conductivity is not as good, but it's not bad. Its strength is good and for battery operation or live steam it's an ideal solution.

Aristo-Craft has used the best Aluminum grade we could find for this use and of course it matches with our regular track line in physical size. The color is more realistic than the gold color of brass and these are the same ties with the lifetime guarantee.

We tried this material in the past and had no quality issues, but the price was not competitive with brass, but with brass continuing its climb the stainless option is becoming a great way to bring new people into the hobby. We have committed to the Aluminum line and will maintain inventories as we do for the brass and stainless lines.

We even have 8' rail in stock for those that want to bend their own curves as well as having 6' flex track in stock with rail clamps attached.

By the way, LGB a (trademark of Marklin) first produced their track in Aluminum and changed to brass later.

New Ball Bearings In For Passenger Cars

We have received a new ball bearing for passenger cars ART29140 at \$20 MSRP per tube of 10 pieces. We have long carried the regular ball bearings for our freight car series, but this is an all-new size for the passenger cars.

Ball bearings make a terrific enhancement in the operation of rolling stock, perhaps more than metal wheels and they are a lot less expensive.

Please recommend these to your customers as they are not exactly a self-service type of item.

CHINA'S QUALITY FOR MAKING OUR TRAINS

by Lewis Polk

Occasionally, I hear grumbles about product made in China, but the truth is they make some very excellent equipment there. I use an iPhone and a laptop that is made in China. Frankly, with 1 billion plus people, they have a larger labor pool able to work at a different cost level. It's the engineering mostly, not the labor force, that differentiates the output quality and China is graduating more engineers than we have college graduates each year. Half of Wal-Mart product is from China, and if it were bad, Wal-Mart would not be the world's largest retailer.

Our particular factory, Sanda Kan, is a great short run manufacturer, but that means they make different products everyday and have to remember how they made it perhaps a year from now when they are re-run. Frankly, I'm amazed, for example, how they find the print pad plates when we have thousands and use them only on a single product. If you haven't watched our video on How Trains are Made, you should to appreciate the complexity of making short run product.

We spend some \$50,000 per year just to fly in samples in advance of each delivery to check the quality and correct any errors before the goods are sent. The workers are line workers that change jobs quickly and it's unlikely that any one of them will be there the next time the product is run. However, they do have good notes, pictures and line supervisors that are very experienced and know the intricacy of each product. A simple thing like remembering not to paint the bottom of chairs in our Standard Heavyweights can cause the glue not to hold. If we're making just



The assembly line at the Sanda Kan production facility

1,000 cars there are 50 chairs in every car, so that means 50,000 chairs are glued in by hand. Glue will not hold pre-painted items, since it chemically reacts with the plastic material and chairs start falling out and rattling within the car.

Last year our factory facility moved some 50 miles away and many of the more experienced supervisors did not want to move with to the new location. This was especially challenging as not everything can be kept in notes, especially some little tricks that are unique to each product. We had to watch all production very carefully, but to their credit they made any changes required gladly. They want to make the best product possible, so that we come back and order more the next time. I find the pride in making a perfect product is number one and they work very closely with us to maximize the products performance.

As a customer, we will pay more to get the product right and do not save pennies to make more money. Frankly, if we can spend an extra dollar to get 10 dollars more of capability we do it. It's

the engineers who determine the purchasing of components and how they are assembled. Production engineers are very good at producing an efficient way of making the product as good as it can be. Our experienced design engineers and technicians have gained valuable knowledge from doing the repairs for the whole country ourselves. If a problem reoccurs than we make sure it's not done on the next run. It's still mass production and it's not like an artisan builds each product one by one.

The ownership of the factory changed hands after an American powerhouse banking company could not run it right and now experienced train people are there in their place. It seems to be working and we're optimistic about our product line in the next year. China is not the lowest price place to produce anymore, but the level of workmanship is still the best value for the dollar spent. They can make Rolls Royces if we want to pay for it, but we chose to make at the sweet spot of performance and reliability.

(Continued on page 4)

(Continued from page 3)

Scott and I go there regularly and we always look forward to explaining our new upcoming projects. We go, because we find that periodically we need to explain our goals and projects and not everything can be done over e-mail. China remains the focus of our production and we will continue to skill up the level of quality as much as possible for short run production. If we could make the same item every day, then automation could be employed, but it's not likely in the model train business.

Our Revolution is almost all machine made robotically and our build quality is world class there. A simpler project like a robotic pick-and-place machine does the job of 100 workers with better results. This can't be done with our trains, but we can pick the best materials where the running creates the highest stresses. For example, we use a double 6 Nylon material for some parts of a loco that is involved with the motion of operation and we use Delran material for working gears that run constantly. We are also upgrading our 0-4-0 to our new Prime Mover gearbox,

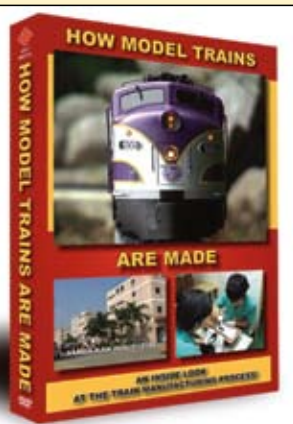
which requires many mold changes and a higher cost for parts. However, it will give us a top notch starter set loco and like our Eggliner will run and run and run. The secret to the Eggliner's success has been the great drive on basically a "toy" engine.

It's the lab of our repair department that brings any trouble to the forefront and each and every run is implemented with Dr. Navin's and our engineers' input. Now that we're a more mature company, we think that we've covered most trouble points, but we find improvements all the time. We're always working on your Railroad and we're about to enter our 75th year.

While we make the most detailed product current mold making will allow, we do not make product that has the parts fall off as it moves down the track. There are brass locomotives that sell for several thousand dollars each that have detail that it hard to protect in a running train environment. We do want to make shelf queens, but rather product you can run and run. We also provide a 5-year parts warranty and want to make a product that will survive for that time frame and longer.



Two workers painting a loco in a spray booth



HOW MODEL TRAINS ARE MADE - THE DVD

www.howmodeltrainsaremade.com

"How Model Trains Are Made" takes viewers on an around-the-world trip to see the complex process of building a train from conception to completion. Lewis Polk and Scott Polk of Aristo-Craft Trains lead this exciting and informative tour to Sanda Kan, one of the world's largest model train factories, located in China. Whether you are an experienced model railroader or you are starting off with your very first loco, "How Model Trains Are Made" is a fascinating video that should be a part of every model railroader's collection!

ART90010 • \$19.95 USD Running Time: 35 minutes
SD (720x480) • Color • NTSC

The Revolution Review: Model Railroad News

Model Railroad News has published an excellent in-depth review of the Train Engineer Revolution in their August '09 issue. We are reprinting it here. Thanks to MRN for allowing us to republish the article. Visit their website (<http://www.modelrailroadnews.com>) for more great reviews and articles.

A first-hand look at creating a high-quality truck

Model Railroad News

The All-Scale News Monthly

DC Revolution in the Making?



**Aristo-Craft
Train Engineer
Revolution Changes
the Face of Garden
Railroad Operations
— and offers a
glimpse into future
DC Control for
HO and O**

- **Creating a Modern N-Scale Consist
with Athearn Husky Stacks**
- **Piko's Glassworks Complex:
Building an Industry in HO Scale**

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Track, Accessories & Electronics

Cover Story

REVIEW Large Scale

Aristo-Craft's new Train Engineer Revolution G debuts

Has the best train control system arrived?

Review and Photos by John Sipple

Train Engineer Revolution prices:
Transmitter/Receiver set, MSRP: \$300.00
Transmitter alone, MSRP: \$200.00
G Receiver, single, MSRP: \$116.00, Six pack, MSRP: \$525.00
G Smoke board, MSRP \$22.50, Six pack MSRP: \$100.00
G Capacitor board, MSRP: \$25.00
G Non Plug-n-Play board, MSRP: \$25.00

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THE DICTIONARY offers many definitions of "revolution" depending upon what you are describing. I like the one that defines it as "a dramatic or wide-reaching change in the way something works." This certainly describes the Crest Train Engineer Revolution. We have the "G" version, intended for Garden Railroading's Large Scale trains, so we need to also define the proposed market while we're at it. Both "O" and "HO" versions are coming soon.

Despite the long, entrenched presence of Battery/RC out in the garden and new incursions by Trackpower/DCC, far and away the most common operation power mode for this scale neighborhood is plain old ordinary DC. That's the way virtually all locomotives arrive, and it's my opinion that anyone who could tap half of the straight DC crowd would



outsize the market for regular RC and DCC combined without getting into either market! We can confidently predict the three things it takes to sell a technology upgrade to a straight, trackpower DC user: easy, easy, easy.

Lewis Polk, the president of Aristo-Craft and Crest Electronics, joined forces with an engineer and spent the last two years looking over all the possible options that could be built into a control system and defined an incredibly complex list of requirements, with Easy being the first. He chose to go with Radio Control (RC), but not like other offerings on the market. He chose a sort of cell phone chip from Texas Instruments to be the core of this, but one in both

the transmitter and each receiver. He set the operating frequency at 2.4 GHz, high enough to nearly eliminate ground plane reception problems, and he chose a very large LCD screen and button layout that would make it all easier to use.

Now let's understand, up front, that there is no way I could explain all the tidbits, details, bells, whistles, and capabilities of this new system in a single review. I couldn't do that with DCC, DCS, or any other new system, either. Instead, I'm going to point you to the Aristo-Craft web site and other contact information so that you can read the owner's manual and a half dozen other documents that will begin to help you grasp the fullness of this product. And



Here are the hardware components of the Revolution G starter set. It offers the transmitter, in the center and the receiver to its right toward the bottom. Above it is the auxiliary cable to operate lights and sounds through the receiver. Above left is the adapter board for locos that lack the Aristo Super Plug. Below that is the external linking button and at the bottom left is the smoke control board.

I'm going to address the impact of it on garden model railroaders and what it might mean to you, if you choose to go this way.

So how does it work? I visualize the process in a rather triangular fashion. In your hand is a transmitter, in your locomotive is a receiver, while connected to your tracks is a constant 12 to 24 Volt DC power supply, this latter part not included with the set. I've got a couple of such power supplies, including the Crest Elite. I tried running it through my old Train Engineer but found I got better throughput using the Elite, with its pure, switching power supply, directly. This put 22 volts of DC power at 13 amps onto my rails.

The first reality of the Revolution is found right there. Each receiver is capable of handling between 12 and 24 volts at 5 amps continuous and 8 amps peak. My first installation took advantage of the Aristo Super Plug, a dual header design found in most recent Aristo-Craft locomotives. In this case, it was a Dash-Nine wearing SuperFleet Warbonnet, No. 600. Back when I reviewed this loco in 2004, I found it weighed 15 pounds 10 ounces and posted 5 pounds 6 ounces of pull. We shouldn't be surprised that this brute also pulled 3.5 amps at full speed and 7.5 amps when at full slip.

This was an easy conversion due to the switch plate under the snap-off engine compartment cover. Simply unscrew the switch plate, remove the smoke unit, and then invert the panel to find the Super Plug. I removed the existing occupant and installed the Revolution receiver. But I wasn't done. I also received as part of the starter set a smoke controller board. In essence, I unplugged the two-pin jack from the smoker and plugged that into the "Power" receptacle on the board. Then I took the "Smoke One" plug and inserted it into the smoke unit, tidying up the unused "Smoke Two" which is for two-smoker units. Finally, I spliced the two control wires from the new smoke controller board and spliced them to the brown and black leads on the six-pin accessory plug that was also included. The last detail was to mount the link button up on the control panel in a hole that was already there. Then I put it all back together and closed it up.

I took the loco and placed it on my powered track and saw that the ditch lights were lit. Then I followed the directions in the Installation and Operation Manual. I set the transmitter first, and it's important to know right away that all loco information is held in the transmitter; the receiver is essentially "dumb," in that it doesn't remember anything except its own management job. Therefore, my first task was to add a new cab and tell the transmitter all about No. 600. The first step in this is to select a Link Address for this new cab. The system allows you to set up 50 different addresses or "cabs," 00 through 49. A cab can be a single unit (SU) or a multi-unit (MU). The actual address number is more for system use because you will also give this loco a name and a roadnumber, both of which will be displayed when you go

scrolling for a locomotive. Naming a locomotive is similar to putting names and numbers into your cell phone's address book. Multi-presses of keys in the keypad give you the numbers and the letters, along with spaces and other characters.

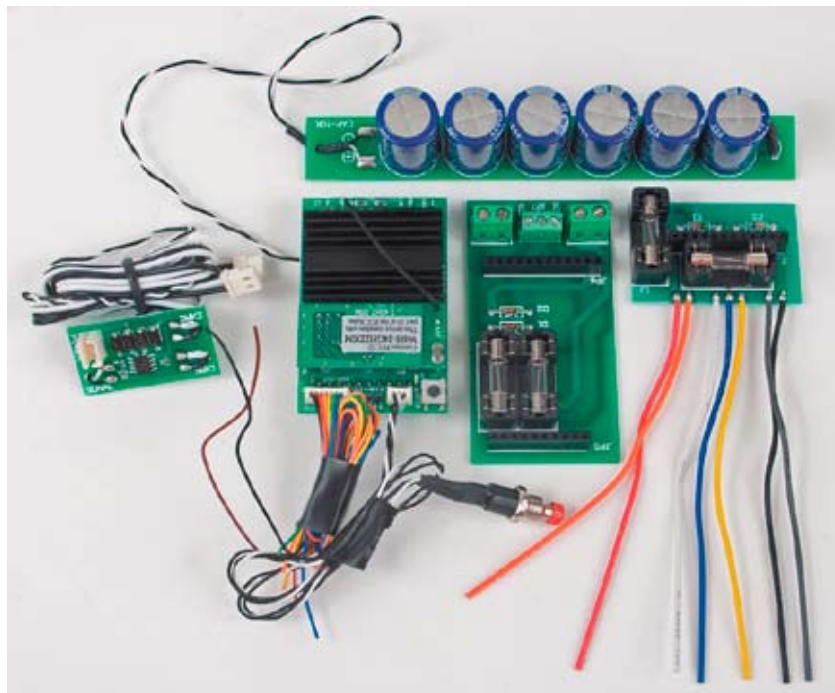
While you are working in the "Assign Function" submenu, you can also tinker with Momentum, Speed Curve, loco direction, headlight direction, Start Speed, Top Speed, Auxiliary Function Set-up, and finally, Linking. The first time you do this, it all may seem a bit fussy, but once you've messed with it a little, it gets much easier. When you get to the Linking item, you'll see a display that lets you know the Transmitter is looking for the locomotive receiver that you intend to designate with this Cab. You complete the process by pressing the linking button on the locomotive that you installed (or the one found on the receiver board) and hold it until the headlights (and also a small LED on the receiver) begins to flash. After that, stop pushing the button and wait a few seconds for the system to finish up. You will know this is completed successfully because the display on the bottom row will go from "nolink" to "linkok."

With power on the track and the loco linked to the transmitter, it's time to run a train! The four directional buttons are used here, with "Up" advancing the throttle, "Down" reducing the throttle, "Right" sending the loco forward, and "Left" sending it in reverse. The button in the center is "Stop," and it's also the "Enter" key when working with menus.

If you're used to using the older Train Engineer (as I have for the past ten years), you'll appreciate this new system. If you set the speed step to 71, that's actually 71 percent of the power range, and it's always the same from one session to the next. When you press forward, the front of the locomotive leads the way unlike the situational direction control on the old TE. Most of all, you're no longer controlling the track; you're controlling each locomotive individually, from set-up to operation. This is what I would call "RCC" or Radio Command Control or maybe Revolution Command Control.

"Latency" is a word worth mentioning here, since it refers to the time between when you push a button and the action actually takes place. The less latency, the better, and I saw very little latency in this system. Talking to Lewis Polk,

These two items are two sides of the Revolution's triangle; the third would be some sort of pure DC power supply that provides 12 to 24 volts. This could be track or battery power. These two are not in scale with each other, but they can be in constant communication at 2.4 GHz.



Operating the Revolution system starts pretty easy and becomes very easy after some practice. First, however, you have to install some stuff in each loco you wish to control. At the top is the capacitor board that smoothes out operations in an amazing way. Left to right below is the Smoke board, the Transmitter, and the adapter board for "Non Plug N Play" locos. The final item is the adapter board to do much the same thing, only with wires.

I found out why. That very high-cost cell phone chip updates two-way communications a thousand times a second, far faster than you can sense in this case. The radio part of the business is 2.4 GHz and supplies multiple channels for both multiple transmitters, but is also a method to get around any sort of radio interference. Aristo claims a useful range of up to 400 feet, but that's mostly line-of-sight. Still, it worked all over my layout, in the train shed, and in the back rooms of my house. I can sit on the patio and control trains up to a hundred or more feet away without any problems.

Radio reception, of course, can be fickle stuff, hexed by everything from metal structures to sunspots, but the robust lack of latency, high frequency, and simplified code structure battles reception issues. It's too early right now to know how the Revolution will play out in every situation, but in my case, all is well.

I sometimes have drop-out when the loco passes through the cut, out of sight of the transmitter, and the display briefly goes to "NoLink," but the train keeps a-rollin' and the "LinkOK" returns very quickly. This brings us to the next issue: dirty track. If this is radio power, then couldn't it work with batteries? Absolutely, yes. You can either mount batteries inside your locomotive or you can build trail cars with batteries, though that's outside the scope of this review. It's enough to say that it's possible and solves all the dirty track issues, though it introduces charging and other issues.

For the track power modeler, there's another solution, however. Garden railroaders have long known that capacitors can supply power for a second or so when the loco hits a dead spot. Often this is sufficient to keep your loco rolling along. The challenge with capacitors is to get all the parts together and then wire them up correctly. If you run them on reverse polarity, electrolytic caps will explode with a pretty loud bang and a puff of dreadful smelling smoke. Can't have that.

Aristo has thoughtfully built the receiver with a special port on the bottom and a capacitor board plugs into it. The entire capacitor board is rated at 12,000 microFarads, which is a considerable amount of juice. Capacitors are like short-term batteries in that they store

up electricity for later use, though they usually don't store up anywhere near as much as a large set of batteries. However, for our purposes, 0.12 Farads is plenty and should be good for a second or so, depending upon the load. The minute the wheels hit live track, even if for only a second, the drain on the cap board stops and recharging takes place very quickly.

In practice, my Dash-Nine would lurch or stop dead without the board, but would breeze merrily along, unless it hit a patch so completely dirty it was, in effect, a dead zone. Adding the board to the transmitter has made a world of difference. It serves as an intermediate step between regular track power and batteries. The only downside to this is finding a space for the capacitor board inside your locomotive.

Multi-Unit Operation

You have as many as fifty cabs at your disposal and all the information is stored in your handheld transmitter, so let's take advantage of that. First, I created a new cab; in this case, I assigned it Cab-5. By this point, I had converted my Warbonnet SD45, an old favorite of mine. I set it up so that the long hood was the front, and otherwise dialed it in until I felt it fairly well matched the Dash-Nine.

With the Dash-Nine on Cab-0 and the SD45 on Cab-1, I created my new MU cab as Cab-5 and assigned the first slot to Cab-0 and the second slot to Cab-1, though the name and roadnum-

ber of each loco was also displayed. An MU cab can handle as many as six locos in its six slots. Running them from their individual cabs, I coupled them together and then went to Cab-5 and just ran them! It really is just that simple. They ran perfectly together, especially when pulling a train.

I turned on the RRAmmeter and watched the amperage draw on the tracks; I have no effective method of measuring individual locomotive draw when in multiple operation, though I can measure each independently. What I discovered was interesting, but it didn't surprise me much. The two units collectively pulled just over the same amperage as just one of them pulling the same 18-foot train. This means that each individual unit was only drawing about half of what it pulled on its own. If my layout would support it and my grades were less, I'm sure this lash-up would handle a fifty-car train! If it wouldn't, I could easily add yet another unit.

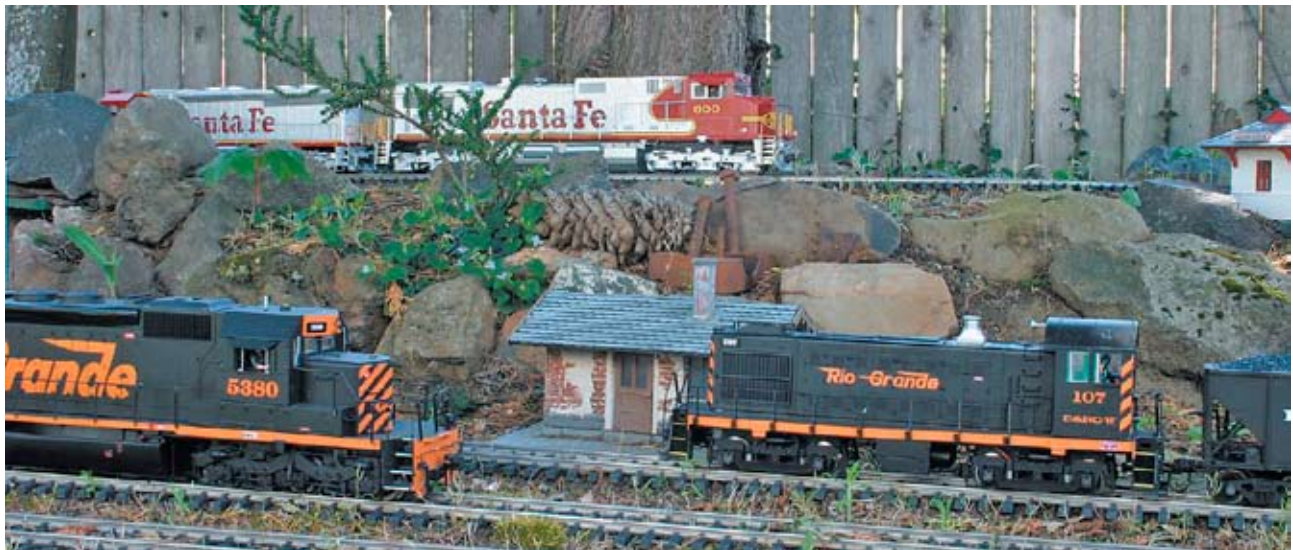
Other conversions and options

Operation is truly easy, but Aristo is doing a lot to make installations easier than ever. Included in every receiver is an adapter board that allows you to plug your receiver into the 12-pin header, and there are the same color output wires you would find on an HO decoder only in heavier gauge. Red and black are for track pickup, orange and gray are for the motor(s), and blue, white, and yellow are

for the headlight and backlight. This allows you to convert a locomotive that doesn't have a super plug. There is also their "Non-PNP" board that serves much the same purpose only offering screw terminals that are clearly marked.

I decided to try this out for myself, and I selected an old friend, my USA Trains SD40-2. This conversion would be much more wiring intensive, though I would still be using a capacitor board for smoother operation. I adopted the adapter board that comes with every receiver, and I even used the smoke board to work the USA Trains smoke unit. Of course, this is a fairly heavy bit of wiring, since I had to trace out the wiring from the trucks, separating the motor wires from the pick-up wires. In the end, I've got an SD40-2 that works very well, but I'm not sure some of you would call it easy. I made a similar conversion to my USAT Alco S-4 with much tighter quarters, making it an even more complicated bit of work. I think the adapter board could be condensed such that it took a lot less space.

Nothing would do but I should MU the SD40 into the existing lashup, Cab-5. I could either add it as the third loco or replace one of the others, in effect removing it from the lashup. No programming was required; I just replaced one loco on the list with another. Three big six-axle machines are far more than I need on the point, but the rules of distributed power do apply. I extended the train out to 22 feet, which



Up on the ridge, Santa Fe has a two-unit lashup at the head of a hotshot freight. Setting them up for multi-unit operation was a breeze. Below in the yards, SD40-2 No. 5380 is pulling in with a

ski train while S-4 No. 107 is spotting a string of coal hoppers for pickup. At 2.4 GHz, the antenna only needs to be about an inch and a quarter long and is relatively immune from "ground effect."



To add a locomotive into a system, first you create a Single Unit cab and then go to Assign Functions. This one shows "C-44 ATSF" with the "C" flashing, indicating I could change that if I wanted. This list scrolls down to the letter "O" which is where Linking takes

place. On the operation screen, we see SD45-ATSF is a "SU" Single Unit. We also get a signal strength display in the upper left corner. I can go to 100 percent power but I've set it to start at 25 percent, since that works best for this particular locomotive.



Any locos that have been added as Single Units may be then put into a Multi-Unit Cab. The first screen shot shows Cab-5 with MU mode "on" and both the C-44 and the SD45 have been added. The other screen shot of this pair shows this MU Cab in

operation. Because the C-44 was the first on the list, it becomes the lead loco. All of this lends simplicity to the wealth of choices. If I wished, I could MU together all four receiver-equipped locos, though that would make a rather improbable lashup.

is thirteen cars in this case, and it was far more than any single loco of the set could handle. Any two of the locos handled it without a problem. Thanks to the capacitor boards, all three locos behaved very smoothly and worked well as a team.

Available documents (go to AristoCraft.com and choose the "Technical Support" choice from the vertical menu on the left) detail how to adapt the Phoenix 2k2 and the Dalle Sound Board. Neither is Plug-N-Play, but both are quite possible. See the instructions for what is involved.

Comparing to DCC

DCC uses a specialized AC current with signals imbedded in it, so the capacitor board trick is more complicated and requires special circuitry. One DCC maker has an expensive solution for the

smaller scales; all have ignored the large-scale issue for now.

Standing power on the tracks is a good way to deliver track power, but AC and Pulse Width Modulation can lead to wheel pitting. Pure DC power on the rails causes less pitting, even at very high amperages. Adding in the capacitor board can give a garden railroader a better operating experience, but it may not help much in some environments or with certain locomotives. In that case, battery power may be desired, and if Revolution operators discover this, they can switch to battery power simply by buying the batteries and altering the wiring.

Finally, the options for configuring a locomotive aren't controlled through Control Variables and programming as is the case for DCC. Rather, the Revolution process is one of menus in plain English, easily scrolled through

and selections made. The screen is large, easy to read, and filled with the information you need.

Wrapping it up

I am really impressed by the Revolution system. It arrives very fully formed, but be aware this is like any other first generation technology; it has some growing to do. I can see some minor issues for the next generation, but the main product is excellent. The good news is Aristo can fix and grow the process without you having to buy new receivers; they only have to alter the transmitter.

There is more to this RCC system than I can begin to cover, so fill in the gaps of my presentation by visiting their web site or phone them for hardcover copies. The technology, the price, and the time are ripe for the Revolution, and it's ready for us.

New Revolution Add-On Part: CRE57079 Bridge Rectifier

The Revolution has been trouble free when used on it's own, but we have had some difficulties with people using various sound systems. Therefore, we're producing a Bridge Rectifier CRE57079 for an MSRP of \$5 as a help to our customers that use any of the dozens of sound systems that do not provide for the need. Their systems do not need a bridge rectifier when working in their own environment, just as our Revolution does not need one when not used with sounds. Yes, Bridge Rectification can likely be found for less, but we're not making millions, just several hundred.

Ours will plug into our Aristo-Craft loco boards to make its use easier, but a knowledgeable electronics tech can do it themselves for slightly less. It's a courtesy, but an important one. It stops the burning out of the board's mosfets when polarity is reversed and thus is a time and product saver.

The key point is that the black ground wire should be used with the bridge rectifier, where its usage is bypassed by the soundboard makers when not used. For clarification, only Dallee has this built into their board already, but you will need to ask maker by maker.

This item will also help with DC power packs that are not regulated, while it's not necessary when used with Crest switching power supplies.

This board should be available in early September.

2009 Fall ECLSTS Is Here!



by Harry Hartman

Harry Hartman is the Large Scale Show Manager for the East Coast Large Scale Train Show.

Less than 25 days till the first ever ECLSTS Fall show! Yes, we listened to you and now are having a Fall East Coast Large Scale Train Show. The show dates will be September 25th and 26th. It will be the same format as all of our shows, with vendor/club set-up on Thursday from 8 a.m. till 6 p.m. The show opens for the public on Friday and Saturday at 9 a.m. and stays open until 6 p.m.

The first Fall show is shaping up to be a very good show. We have a couple new vendors to this show, and if you look through the list you can see who will be there. If you have a favorite that is not on the list, call them and ask them to secure a booth at the first Fall ECLSTS.

Everyone knows that the Spring ECLSTS is around the last weekend in March or the first weekend in April. Many people



***The entrance to the show hall
at the ECLSTS.***

plan their vacation times around this show. Vendors have a good idea when it will be and they mark their show calendars accordingly. With this being our first Fall show, we had to look very hard at the dates that were available for us from

the fairgrounds and the other shows that might be held around the United States. We had a date in October selected and many of the registration forms printed

(Continued on page 12)

(Continued from page 11)

with that date, but we found out later that there were some other major shows that were close to that date and some of the vendors could not come. So we switched to the September date. Then we let the vendors know when the Fall Show was going to be and sent out the correct registration form. Even that date, some of the vendors had commitments already booked, so they could not make it to this show this year.

Don't forget about the Fall ECLSTS Show Car, the Winchester & Western Covered Hopper, which is a fantastic looking car at a great price. There are four road numbers, and each car will cost you just \$50.00 each with metal wheels.

And let's not forget about the show t-shirt. I think this is another first..... A yellow/gold shirt. It is a great shirt to wear while running your Winchester & Western Covered Hopper on your empire at home. The shirt will be bright enough for everyone to find the "engineer." I wear my shirt at many of the train events I attend. Great advertisement for the ECLSTS.

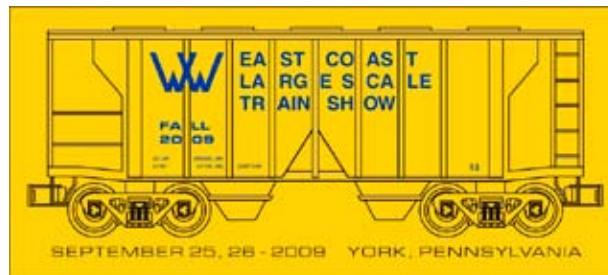
For more up-to-date information, check the web site. It includes a complete list of exhibitors and seminars: <http://www.largescaletrainshows.com>.

You can also visit the Aristo-Craft East Coast Large Scale Train Show's Forums for more info:

<http://www.aristocraft.com/vbulletin-forums/forumdisplay.php?f=22>



2009 Fall ECLSTS Covered Hopper Production Model



2009 Fall ECLSTS T-Shirt Design

2009 Fall ECLSTS Exhibitors

Current as of 9/1/09

- | | |
|---|-------------------------------|
| Alternative Terrain Garden Railway Design & Landscaping | N Pire Models |
| American Lawn Lights | Nicholas Smith |
| American Rails | P & R Hobbies |
| Aristo Craft Trains | QSI Sound Solutions |
| B & B hobby Supplies | RCS of New England |
| Bachmann Industries | R Y Models |
| Bridgewater | SJT Enterprises/Wireless Cam |
| Charles Ro/USA Trains | Santana's Miniatures |
| Colorado Model | Shawmut Car Shops |
| DALLEE Electronics Inc | Sidetrack Hobbies |
| Eaglewing Iron Craft | Southeast Train Company |
| G Scale Junction | Split Jaw Products Inc |
| Garden Railways Magazine | St Aubin Station/Action Hobby |
| Hartland Locomotive Works | Star Hobby |
| Jamies Collectibles | Toltec Images |
| Jig Stones | Town & Country Collectables |
| John's Train Supply & Repair | Train-LI-USA |
| Just Plain Folk | Train World |
| Large Scale On Line/DMS | Trains by Frank and Anne |
| LarryGScale | Vanco Log Dollhouses |
| MNP, Inc | Woo Woo Express Company |
| Mainline Bridges | YOGI's Workshop |
| Michaels Custom Woodworking | |
| Mike Setzer Hobbies | |
| MTH Electric Trains | |

EAST COAST LARGE SCALE TRAIN SHOW

SEPTEMBER 25-26, 2009

YORK FAIRGROUNDS, YORK, PA



MAJOR MANUFACTURERS AND RETAILERS • LOTS OF SEMINARS
LARGE SCALE CLUB LAYOUTS • THOUSANDS OF TRAINS
GREAT DEALS AND BARGAINS • FUN FOR KIDS AND ADULTS

**ARRIVE EARLY TO PURCHASE
THIS LIMITED EDITION SHOW CAR!**

* Show cars are available ONLY AT THE SHOW. There are NO mail orders or pre-orders for these show items. These items are of limited quantity and not guaranteed for all attendees.



ADMISSION:	TWO-DAY TICKET	ADULT - \$18
	CHILDREN UNDER 12	FREE
	ONE-DAY TICKET	ADULT - \$10
	CHILDREN UNDER 12	FREE
	Two-Day Group (Club) Rates Available	
	\$15.00 for 25 or more tickets when purchased in advance.	

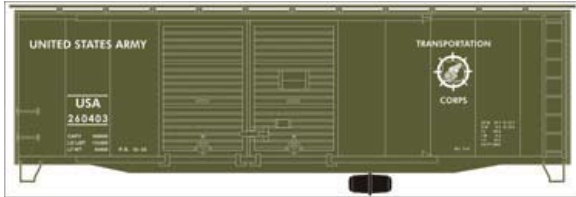
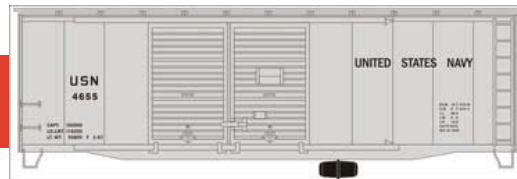
HOURS:	FRIDAY 9:00 A.M. TO 6:00 P.M.
	SATURDAY 9:00 A.M. TO 6:00 P.M.

**For GPS directions to the York Fairgrounds, use:
York Expo Center, 334 Carlisle Ave., York, PA 17404**

J.J. Productions, P.O. Box 142, Ridgeley, WV 26753
(908) 361-2117 jjproductions@atlanticbb.net <http://www.largescaletrainshows.com>

**The 2009 Aristo-Craft Railroad Club**

Continue Your Limited Edition Collection of Aristo-Craft Trains
With Four 2009 Club Double-Door Boxcars in Military Roadnames!

**ARMY****NAVY****AIR FORCE****MARINES****MEMBERSHIP INCLUDES...**

- COLLECTOR EDITIONS OF ARISTO-CRAFT TRAINS AVAILABLE FOR EXCLUSIVE MEMBERSHIP PRICES AT OUR ONLINE STORE www.aristocraft.com.

- A SPECIAL MEMBERSHIP CERTIFICATE AND CARD WITH A SPECIFIC NUMBER ASSIGNED ONLY TO YOU.

- A YEAR'S SUBSCRIPTION TO THE "INSIDER" E-MAIL (INTERNET) NEWSLETTER, CONTAINING INFO ON ARISTO-CRAFT TRAINS AND ADVANCE INFORMATION ON NEW ARRIVALS AND IN STOCK ITEMS.

- NEW CATALOGS, PRICE LISTS, AND FLYERS AS AVAILABLE.

- PROMOTIONAL OFFERINGS AS AVAILABLE.

TERMS

ARISTO-CRAFT RAILROAD CLUB MEMBERSHIP DOES NOT ALLOW YOU TO PURCHASE ANY ARISTO-CRAFT TRAINS PRODUCT LINE DIRECT OR FROM ANY AUTHORIZED ARISTO-CRAFT TRAINS' WHOLESALERS.

ARISTO-CRAFT RAILROAD CLUB MEMBERSHIP IS FOR CALENDAR YEAR 2009 AND EXPIRES 12/31/2009 REGARDLESS OF YOUR SIGN UP DATE OR RENEWAL. MEMBERSHIP DUES ARE SUBJECT TO CHANGE FOR FUTURE ENROLLMENT YEAR. YOUR NUMBER IS ASSIGNED PERMANENTLY WITH THE YEAR APPENDED TO THE NUMBER WITH RENEWAL.

MEMBERSHIPS ARE NON-VOTING.

PLEASE ALLOW 6-8 WEEKS FOR PROCESSING OF MEMBERSHIP.

2009 Club Models expected mid-year 2009.

NO MEMBERSHIP FEE REQUIRED! MEMBERSHIP INCLUDED FREE WITH PURCHASE OF CLUB CAR!

The Aristo-Craft Railroad Club is celebrating members of the U.S. Armed Forces in 2009! This year, we are offering the ART45100 Series Double-Door Boxcars in four military roadnames: Army, Navy, Air Force, and U.S. Marines. Each road name will come in four different road numbers, and every car comes equipped with metal wheels! Join the Aristo-Craft Railroad Club today!

Photocopies of this page are acceptable

CHARGE CARD ORDERS ONLY, ACTUAL SHIPPING COSTS WILL BE ADDED TO TOTAL PRICE.
N.J. RESIDENTS, PLEASE ADD 7% SALES TAX.

ARISTO-CRAFT RAILROAD CLUB 2009 APPLICATION FORM (PLEASE PRINT)

NAME _____

PH# (____) _____ E-Mail _____

ADDRESS _____

CITY/STATE/ZIP _____

CREDIT CARD # _____ EXP. _____

PLEASE CHECK ONE: _____ NEW MEMBERSHIP
_____ RENEWAL

FOR CURRENT CLUB MEMBERS ONLY: Membership # _____
Change of Address? Yes _____ No _____

MAIL TO: ARISTO-CRAFT 2009 RR CLUB
POLK'S MODEL CRAFT HOBBIES
698 S. 21st Street, Irvington, NJ 07111-4109

CHOOSE YOUR CLUB MODELS HERE!

Or order via www.aristocrafttrainstore.com

____ U.S. Army Double-Door Boxcar
4 road numbers available
Metal Wheels Included
\$50 each plus shipping

____ U.S. Navy Double-Door Boxcar
4 road numbers available
Metal Wheels Included
\$50 each plus shipping

____ U.S. Air Force Double-Door Boxcar
4 road numbers available
Metal Wheels Included
\$50 each plus shipping

____ U.S. Marines Double-Door Boxcar
4 road numbers available
Metal Wheels Included
\$50 each plus shipping

____ TOTAL

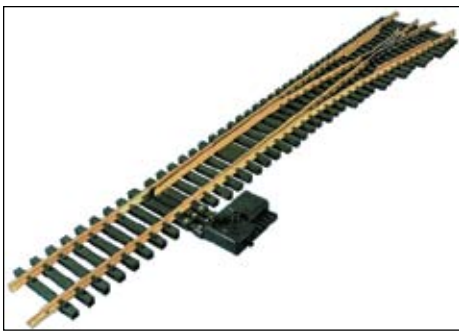
(Charge card orders only. Actual shipping costs will be added to total price.)

SEPTEMBER/OCTOBER CONSUMER SALE

(Offer Valid in North America Only)

"WE WANT YOUR BUSINESS SALE!" FOR ARISTO-CRAFT TRAIN CONSUMERS

This is a legitimate sale on some of our best selling items to further give incentives in a difficult selling environment. We are not dumping slow selling items, but rather promoting best sellers. If you've been on the fence about buying some of the following items we want to give you a reason to do it now. You must purchase the item by October 31, 2009 from one of our dealers and you pay the freight charge for us shipping the item to you. There is no margin in freight, so the recipient of the free goods must pay the shipping costs. This is in addition to the buy 4 get one free sale already in place to at least September 30th as well.



Buy any wide radius or #6 switch and get a free remote switch box. (Delivery in October with a 12v or 24v selection)



Buy any C-16 that already comes with the appropriate Caboose and get 2 free classic cars of your choice.



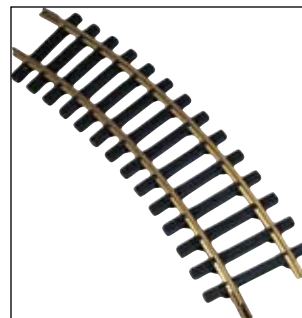
Buy any SD-45 and get a free 40' freight car of your choice.



Buy any GP-40 and get any 40' freight car of your choice.

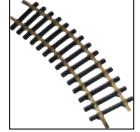


Buy a LIL'CRITTER that comes with a free caboose and get an additional free track-cleaning car.



Buy a 6' box of 12 Brass flex track and get a free rail bender.

"WE WANT YOUR BUSINESS SALE!" FOR ARISTO-CRAFT TRAIN CONSUMERS



The original invoice must be sent in as a control and will be returned to you. Shipping on the free cars is \$15 in the continental U.S. and the remote switch machine shipping is \$5. All free goods must be claimed by November 15, 2009. Foreign orders will be charged whatever the UPS shipping charge actually is by weight and size and can't be pre-determined.

- Customer must purchase and receive current production Aristo-Craft freight cars from dealer(s) during period of sale. Purchases from online auction web sites are not acceptable.

- Aristo-Craft reserves the right to exclude any freight car, including discontinued road names that Aristo-Craft does not consider as current production.

- This sale includes the above current production freight cars listed in the 2009 Aristo-Craft Catalog, 2009 Aristo-Craft Price List, and Aristo-Craft On-Line Catalog at aristocraft.com.

INSTRUCTIONS: MAIL ARISTO-CRAFT YOUR ORIGINAL ITEMIZED AND DATED RECEIPT, A NOTE WITH YOUR RETURN ADDRESS (NO PO BOXES) SPECIFYING WHICH ITEMS PURCHASED AND SHIPPING AND HANDLING FEE BY NOVEMBER 15, 2009 TO RECEIVE YOUR FREE PRODUCT(S). **PURCHASE MUST BE MADE BETWEEN SEPTEMBER 1 AND OCTOBER 31, 2009.** SALE CANNOT BE COMBINED WITH ANY OTHER SALE OR PROMOTION. SEE ABOVE AND SALES RULES & REQUIREMENTS #11 & #12 FOR SHIPPING & HANDLING DETAILS.

Please address your sales request along with your receipt to:
ARISTO-CRAFT TRAINS/POLK'S SPECIAL SALES
698 S. 21ST STREET, IRVINGTON, NJ 07111-4109

SALES RULES & REQUIREMENTS (modified 11-29-05) READ BEFORE ORDERING!!!

1. **The ORIGINAL receipt is required to be sent to Aristo-Craft for approval of sales request.** Computer generated copies and photocopies of receipts are strictly prohibited. Copies of receipts will be returned to the person who sent in the sales request without it being processed. Aristo-Craft will send the free offer directly to the customer and the sales dealer is not responsible for this transaction.

2. **The receipt must be ITEMIZED**, clearly showing the following..

- Which Aristo-Craft items were purchased (each item must be individually listed on the receipt)
- The price in which each Aristo-Craft item was purchased at
- The date when the Aristo-Craft items were purchased
- The name, address, and telephone of the hobby store from where the item was purchased
- The name, address, and telephone of the person buying the Aristo-Craft products.
- An invoice number (extremely preferable, but not mandatory)

Cash register receipts are **NOT** acceptable for this sales program and will be returned to the person who sent in the sales request without it being processed. We recommend that, if you receive a cash register receipt from your place of purchase, you ask for an itemized receipt instead.

3. **Sales requests are not backordered.** Sale items are selected from products that are in stock in the Aristo-Craft warehouse during the period of the sale. We reserve the right to send you a product of comparable price and quality of our choice if sales items are out of stock. Customer selections of specific roadnames are subject to availability.

4. **Purchases must be made during the time period designated in the sales sheet.** Your sales request must be received by us in the same time period. There are no exceptions. All sales requests that do not meet this criteria will be returned to the person who sent it in.

5. **Sales are only for items designated in the Aristo-Craft sales sheet** and do not pertain to any other Aristo-Craft items that are not mentioned. Sales requests that do not meet this criteria will not be processed. If there are any questions of interpretation of what is on sale for the current month, please contact Aristo-Craft. Aristo-Craft is **NOT** responsible for any sales advertised by dealers and or retailers.

6. **The Aristo-Craft items you purchase from your dealer must be in stock.** They cannot be backordered. You must take delivery on the purchased items from your dealer during the period of the sale. Sales requests that do not meet this criteria will be returned to the person who sent it in.

7a. **Purchased items must be new**, "first-use" items. Used, secondhand, and or auctioned (including internet auction) items are not acceptable for this sale.

7b. **Items that are "cross-sold"** (i.e., from consumer to consumer, or from dealer to dealer) **are not acceptable for this sale.** Consumer sales must be "dealer to consumer" only. Dealer sales must be "distributor to dealer" only.

8. **Please allow 4-8 weeks for processing.**

9. **Original receipts returned upon request.**

10. **Aristo-Craft reserves the right to make the final decision as to whether a submitted receipt is valid** for the Aristo-Craft Sales Program.

11. **Each free item requires payment for Shipping & Handling.** (If Shipping & Handling Fee is **NOT** Specified elsewhere on sales sheet) Most items are \$10.00 each. Heavy and large items are \$20.00. Oversized or heavy items may require additional fee. Small items are \$2.00 each up to five, and \$10.00 for orders of five or more. See sales list for specific prices. Please include a charge card number, check or money order.

12. **When Sale is NOT restricted to Continental US: Canadian and Foreign orders must be on a charge card, International Money Order or check drawn on an American bank. NOT just on American Funds.** Foreign shipments are three times (3x) the shipping and handling fee specified for domestic shipping listed elsewhere on sale sheet. Otherwise: Foreign shipments are \$30.00 for most items. Heavy and large items are \$45.00. Small items are \$6.00 each up to five, and \$45.00 for orders of five or more. There may be additional fees. Shipment is via surface or sea post. We will charge the actual amount on air shipments according to your instructions.



A.A.R. Dealer Directory

(Association of Aristo-Craft Retailers) - Stores Organized by State

ARIZONA

Arizona Train Depot, Mesa, 480-833-9486
The Hobby Place at Ace, Tucson 520-747-9473

CALIFORNIA

B & F Hobbies, Bakersfield, 661-322-7955
Big Y Yardage, Montclair, 909-624-8201
Central Coast Trains, Atascadero, 805-466-1391
D & J Hobby, Campbell, 408-379-1696
Discount Trains Online, Riverside, 957-259-2834
Doll House & Crafts, Novato, 415-883-0388
Garden Railroad Supply, Martinez 925-228-8614
Gibson's, Fountain Valley, 714-641-6611
Glenview Supply, El Cajon, 619-443-1017
Gold Coast Station, Ventura, 805-339-0379
J. Gordon Specialties, Temecula, 951-693-2599
Just Trains Concord, 925-685-6566
Loco-Boose, Redwood City, 650-368-1254
The Loose Caboose, Napa, 707-258-1222
Marty's Hobby, Thousand Oaks, 805-497-3664
Morgan's Big Trains Emporium, Huntington Beach, 714-887-0777
Narrow Gauge Junc., La Habra, 562-694-0598
R/C Country Hobbies, Sacramento, 916-731-5868
Roy's Trains & Things, Clovis, 559-325-0102
San Antonio Hobby, Mountain View, 650-941-1278
San-Val Trains, Van Nuys, 800-423-3281
Square Roundhouse, Turlock, 209-668-4454
Talbot's Toyland, San Mateo, 650-342-0126
Tom's Trains, Fresno, 559-266-3192
The Train Stop, San Dimas, 909-599-2602
Upland Trains, Upland 909-985-1246

COLORADO

Caboose Hobbies, Denver, 303-777-6766
Don's Hobbies, Greeley, 970-353-3115
Mizell Trains Inc., Westminster, 303-429-4811
RGSRH Hobbies, Ridgway, 970-708-2100

CONNECTICUT

Amato's Toy & Hobby, New Britain 860-229-9069
TimeMachine (N.E. Hobby), Manchester, 860-646-0610
War & Pieces, W. Hartford, 860-232-0608

DELAWARE

Just Trains, Newark, 302-266-8063
L.H. Webb, Frederica, 302-335-5841

FLORIDA

Budget Train Store, Jacksonville, 904-772-0929
D & B Railways, Delray Beach, 561-495-0244
Doug's Model Trains & Hobbies, Dunedin 727-733-8222
Family Hobby Ctr., Naples, 239-261-8545
Happy Tunes Music & Hobbies Lutz, 813-948-1419
John's Hobbies Summerfield 352-347-7201
Trains by Johnson, Pensacola, 850-478-8584

GEORGIA

Model Railroad Shop Atlanta 770-432-7300
Nordik Trains, Kennesaw, 770-928-2487
Southeastern Train, Augusta, 706-796-0052
TrainMaster, Duluth, 770-622-1611

IDAHO

C & C Railroads, Coure D'Alene, 208-664-4895
Garden Valley R.R. Sup., Pocatello, 208-238-9633

ILLINOIS

Ace Hardware Aurora, 630-897-9227
Bartlett Depot, Bartlett, 630-837-3376
D&N Hobbies, Effingham, 217-536-6400
Denny's Trains, Oswego, 630-554-6964
First Hobby, Decatur, 866-240-0252
L & B Hobby Palos Hills, 708-599-6250
The Pizza Express, Carterville, 618-985-6262
RLD Hobbies, Albion, 877-753-4629
Rail Garden Features, Charleston, 217-343-7740

ILLINOIS (continued)

Rail Hobby Trains, Rockford, 815-484-9388
Action Hobby Distributors/St. Aubin, Woodstock, 815-334-0400
Thunder Road Hobbies, Moline, 309-762-5295
Trains of Yesterday, Morton Grove, 847-470-9500

INDIANA

Iron Horse Logos, Hartford City, 765-289-2418
Maple City Hobbies, Goshen 866-99-HOBBY
Phil's Hobby Shop, Fort Wayne, 260-426-5056
Samuelson's Train Shop Valparaiso, 219-462-2708
The Train Yard, Indianapolis, 317-890-9774
Watt's Trains, Zionsville, 800-542-7652

IOWA

Box-Kar Hobbies, Cedar Rapids, 319-362-1291
Caboose Stop Hobbies, Cedar Falls, 319-277-1754
Fagan's Hobbies, Dubuque, 563-588-0846
Hobby Corner, Iowa City, 319-338-1788
Kidman Tree Farm, Polk City, 515-984-6946
MidAmerica Hobbies, North Liberty, 319-665-9655

KANSAS

Dad's Toys, Leavenworth, 913-662-1786
Dee & Mee Hobbies, Topeka, 785-228-9601
Garden Railroad Gizmos, Wichita, 316-262-4300
Suburban Lawn & Garden, Shawnee Mission, 913-649-8700
Toto Trains, Lawrence, 785-766-0467

LOUISIANA

America's Train Yard, Baton Rouge, 225-926-5592

MAINE

E. Boothbay Ctrl Supply, East Boothbay, 207-633-7703
Highrailer, Waterville 207-873-1120
Powder & patch buxton 207-929-4704

MARYLAND

G Scale Train Station, Waldorf 866-374-9340
Glyndon Gardens, Reistertown, 410-833-2791
M.B. Klein, Baltimore, 410-229-9995
The Moose Caboose, Sykesville, 410-795-4610
Smithsburg General Store, Smithsburg, 301-824-6330
Star Hobby, Annapolis, 410-349-4290
Train Depot, Mount Airy 301-607-8155
Train Room, Hagerstown, 301-745-6681

MASSACHUSETTS

Big-G-Trains Ayer, 978-772-9449
Centerline Hobbies, Hyannis, 800-675-1244
Charles Ro Hobbies, Malden, 800-225-4424
Country Train Swansea, 508-669-5547
Duxbury Green, Duxbury, 781-585-2164
Hobbytown Stores, Hanover, 781-826-5279
Hobbytown Stores, Quincy, 617-472-3887
Pioneer Valley Hobbies Springfield, 413-732-5531
Rpm Hobbies Abington, 617-786-7574

MICHIGAN

Brassuer Electric, Saginaw, 989-793-4753
C&T Hobbies, Cheboygan, 231-627-3603
G & G Trains Leslie, 517-589-5977
Great Lakes Hobby, Shelby Twnshp, 586-323-1300
The Hobby Hub, Lansing, 517-351-5843
Hobby World, Grand Rapids, 616-538-6130
J & W Model, Coloma, 269-468-5586
Jackie's Trains, Erie, 734-848-2068
Junction Valley RR, Bridgeport, 989-777-3480
Merri-Seven Trains, Livonia, 248-477-0550
RC Hobbies, Waterford 248-681-1441

MISSISSIPPI

HobbyTown USA Jackson, 601-957-9900

MISSOURI

John's Train Supply, St. Louis, 314-993-2444
Mark Twain Hobby Center, St. Charles, 636-946-2816
Show Me Model RR, Grandview, 816-966-1534
Schaefer's Hobby, St. Louis, 314-729-7077
Trains Ltd., St. Louis, 604-703-1365
Train Haus, Hermann, 573-486-0117
Unique Toy & Game, Wildwood, 636-548-3700
Hobby Station, St. Louis, 314-822-1927
Checkedered Flag Hobby Country, St. Louis, 314-892-5353

NEBRASKA

House of Trains, Omaha, 402-934-7245
The Train Cellar, Lincoln, 402-464-4925
Trainman's Trading Post, Omaha, 402-734-7233
Train Time Hobby, La Vista, 402-502-6993

NEVADA

Reno Rails Reno, 775-337-6669
St. Aubins No. Las Vegas, 702-644-4799

NEW HAMPSHIRE

Hartmann Model Railroad, Intervale, 603 356-9922
Mountain Trains, Manchester, 603-622-8982

NEW JERSEY

Allied Hobbies, Burlington, 609-386-5044
Big Little RR Shop, Somerville, 908-685-8892
Bill Bitter Flowers & Plants, Wall 732-681-3681
Dougherty's Whistle Stop, Summit, 908-277-4442
Hi-Way HobbyHouse, Ramsey, 201-327-0075
Hobymasters, Inc. Red Bank, 877-674-6229
HOGTRAINZ, Manalapan, www.HOGTRAINZ.COM
The Model Railroad Shop, Piscataway 732-968-5696
Ridgefield Hobby, Ridgefield, 201-943-2636
Standard Hobby, Mahwah, 800-223-1355
Tony's Train Town, Cedar Grove, 973-857-2337
Track "33" Inc., Westville, 856-423-2723
Watermelon Bar & Garden, Atl.Hghlnds 732-291-0613
Zeppelin Hobbies, Riverdale, 973-831-7717

NEW MEXICO

Wig-Wag, LLC, Albuquerque, 888 293-0736

NEW YORK

Aurora Hobbies, E. Aurora, 716-652-5718
Dee's Tiques & Train Shop, Delhi 607-746-6900
Hobbytime, Plainview, 516-933-3818
Hobbytown U.S.A., Islandia, 516-342-1518
Lantz Train Shop, Horsehead, 607-795-5038
Niagara Hobbies, Buffalo, 716-681-6060
Pine Valley, Syracuse, 315-470-0157
Prince Hobby, Forest Hills, 718-520-9016
Roberts Lines, Walworth, 315-986-1365
Ridge Road Station, Holley, 877-447-2253
Trainland, Lynbrook, 800-221-0846
Trainworld, Brooklyn, 800-541-7010
Westchester Hob., White Plains, 914-421-1262

NORTH CAROLINA

Covered Wagon, McLeansville, 336-697-0255
Little Choo Choo, Spencer, 704-637-8717
Railfan Specialties, Wilmington, 910-686-2820
Tom's Train Station, Raleigh, 919-388-7246
Train Buddy Products, Wake Forest 919-562-4378

OHIO

Cross Creek Eng., Spencer, 800-664-3226
Crouse Mill True Value, N. Lima, 330-549-2143
Depot Trains, Cleveland, 216-252-8880
Forgotten Thyme Gardens, Medina, 330-723-1948
G Scale Junction, Newark, 800-311-9448
The Hobby Shop, Dayton, 937-436-6161
Phil's Hobby Shop, Defiance, 419-782-8020
Sandy's Hobby's, Elyria, 440-365-9999
Smithville Model Train, Smithville, 330-669-8589
Smokestack Hobbies, Hamilton, 513-779-1161
Train Car Ltd. Newark, 740-745-2798



A.A.R. Dealer Directory

(Association of Aristo-Craft Retailers) - Stores Organized by State



OKLAHOMA (continued)

Velk's Flowers, Multiple Locations, 800-952-0284
Last Train Stop, Owasso, 918-277-2990
Woodward's Hobbies Oklahoma City, 405-751-4994

OREGON

Eugene Toy, Eugene, 503-344-2117
Larry's Lighting Repair, Portland, 503-238-1714
Schaffel's Toys, Jacksonville, 503-899-7421
Tammies Hobbies, Beaverton, 503-644-4535
Train Mountain, Chiloquin, 541-783-3030

PENNSYLVANIA

A.B. Charles & Son, Pittsburgh, 412-561-1615
Allied Hobbies:

Exton, 610-363-6988
Philadelphia, 215-677-1123

Backshop Books&Hobbies:

Lancaster, 717-687-7686
Strasburg, 717-687-7686

Choo Choo Train, Hudson, 570-824-3471
CoolTrains Hobbies, Salunga, 717-898-7119
Derr's REA, Williamsport, 570-323-5714
Dreamboat Hobbies, Warren, 814 723 8052
Englers Train Depot, Allentown, 610-791-9512
Fischel's Hobby Center, Dubois, 814-371-1482
Fleetwood Building Block, Fleetwood, 610-944-8385
Frey's Evergreen, Willow Street, 717-786-3974
Iron Horse Hobby House, Reading, 610-373-6927
J&B Hobbies, Mechanicsburg, 717-766-0709
Landscape Materials, New Tripoli 610-767-9507
Loco Louie's, Milmont, 610-583-7711
Long Lane Acres, Ottsville, 610-847-2586
Nicholas Smith, Broomall, 800-848-9119
The Train Shoppe, Wilkes-Barre 570-824-7688
Trains & Lanes Hobbies, Easton, 610-253-8850
Victoria's Treasures Womelsdorf, 610-589-9000
Village Toy Shoppe, Lahaska, 215-794-7031
Warrior Run Loco, Nanticoke, 570-735-5570
Wood Wicker & Wax, Levittown, 215-945-5522

RHODE ISLAND

Grandpa's Trains Warwick 401-463-7803

SOUTH CAROLINA

The Great Escape, Greenville, 803-235-8320
New Brookland RR, W. Columbia, 803-791-3958

SOUTH DAKOTA

Donovan's Hobby & Scuba Center, Sioux Falls, 605-338-6945

TENNESSEE

Hudson Classic Hobbies, Nashville, TN, 615-833-8337
Jack's Trains, Johnson City, 423-282-9108
Model & Hobby World, Elizabethton, 423-543-5304
Sloans Fine Art & Hobby, Dickson, 615-446-1055
Smoky Mountain Model Trains Sevierville 865-428-8595
Southbound Trains, Franklin, 888-844-4403

TEXAS

B & H Hobbies, Corpus Christi, 512-985-8383
The Collectible Caboose, Cedar Park 512-259-9494
Midlothian Hobbies, Midlothian 972-723-0171
Mike's Hobby Shop, Porter, 281-577-8250
Model Train Crossing, Hurst, 817-595-0800
Papa Ben's Train Place, Houston, 713-523-5600
Rent-A-Dad, McAllen, 210-631-8741

UTAH

Almosta Junction, Clearfield, 801-776-1656
Earl's Hobby Hangar, Logan, 435-752-4401
M.R.S. Hobby Shop, Sandy, 801-572-6082

VIRGINIA

Deltaville Depot, Deltaville, 804-776-7250
Locust Grove Trains, Locust Grove 540-854-8955
The Nutbush Express, Woodstock, 540-459-5136
Quisenberry Station, Alexandria, 703-799-9643
RicksHobbyShop.com, Roanoke 540-362-7033
Train Depot, Manassas, 703-335-2216
Trains ETC., Warrenton, 540-347-9212

WASHINGTON

Big Trains America, Spokane, 509-484-7098
The Cobbler's Train Shop, Camas, 360-834-3183
Clover Leaf, Union Gap, 509-453-8959
Eastside Trains, Kirkland, 425-828-4098

WISCONSIN

Candle Freak Gallery & Gifts, Wautoma 920-787-2780
Engine House Services, Green Bay, 920-490-4839
Greenfield News & Hobby, Greenfield 414-281-1800
Hobby Depot America, Hubertus, 262-628-2800
John's Hobbies, Hartford, 262-673-7454
The Little Falls Railroad, Sparta, 608-272-3266
Phil's Hobby & Craft, Wautoma, 920-787-7232
Sommerfeld's, Butler, 262-783-7797

CANADA

AC Trains, Burlington, Ont. 866-838-3441
Art Knapp Plantland Surrey, B.C. 604-596-9201
Canada G-Scale Trains (Distributor only), 604-484-9256
Canadian Scale Rail, Olds, Alb. 403-556-3771
Chinook & Hobby West Calgary, Alb. 403-243-1997
The Credit Valley Streetsville, Ont. 905-826-1306
George's Trains Toronto, Ont. 416-489-9783
Hockley Valley RR, Alliston, Ont. 705 435 7024
Hutch's Trains Burlington, Ont. 905-637-3721
Maritime Hobbies Halifax, N.S. 902-423-8870
Max Trains, Montreal-Nord, Quebec, 514-322-8626
NVSI- VCR Repair, Kanata, Ont. 613-592-9402
TLA Custom Models & Hobby Wilton Ont 613-386-7720
Township Toy Trains, Knowlton, Qub. 450-243-1881
Trains & Such, Calgary, AB 403-277-7226
Udisco LTD, Montreal, Qub. 514-481-8107
Ultimate Trains, Nanton, Alb. 877-646-1190
Winona Garden Railway, Guelph, Ont 519-763-9477

INTERNATIONAL

United Kindom/England

Garden Rwy. Centres, Cheltenham, England 44-1242-519770
Garden Rwy Spec., Buckinghamshire, England +44 (0)1844 345158
Glendale Junction, Deeping St James, England 01778 343183
Hobbybahn Stapeton, England 0044-01455-847379
Kernow Model Rail Centre, Camborne/Kambronn UK 01209 714099
Kent Garden Railways, St. Mary Cray, Eng 44 1689 891668
Martin's Models, Kington, England 44-1544-230777
OnTracks.co.uk Pontrilas, England +44 (0) 8700 111 131
Scottish Garden Rwy, Stirling, Scotland 01786-464193
Spot-On Models & Games, Swindon Wilts, UK 01793 617302
Totally Trains, Herefordshire, England 44-1989-567577

France

Les Trains de Dalipumes, Villiers sur Morin, 00 33 950 87 87 10

Germany

All American Trains, Kaarst, Ger 49-2131-769640
Fertig Modellbahnen, Moerlenbach, Ger 49-6209-4265
Gartenmodelleisenbahn und Mehr, Eschborn, Ger 49-6173-966230
Modellbaushop Drexler, Gross-Rohrheim, 49-6245-997852
Modelleisenbahn Center Schuler, Stuttgart, 49-711-608375
Sammler-Service Scheyern, Ger 49-8441-22-44
Semaphore Trains, Weil am Rhein, Ger 49 7621 577317

Europe

Bigtrains&more Ltd, Sissach, Switzerland 61 971 6615

Japan

Train Depot, Tokyo, Japan 813-3718-8916

Australia

Adelaide Garden Railway Supplies, Goodwood, South Australia 8 82716875
Model Merchant, Sydney, Australia 02-9555-9537

Africa

Hobbydoc Capetown S.Africa 27214477528

NEW ARRIVAL LIST**NEW ARRIVALS 15 AUGUST 09**

___ART11096	EURO FLEX STRAIGHT TRACK 72" W/CLAMP	510.00
___ART30345	#6 WYE SWITCH BRASS	105.00
___ART11060	EURO STRAIGHT TRACK 24"	184.00
___ART11911	RAIL TO TIE SCREWS (50)	6.00
___ART30060	US STRAIGHT TRACK 24"	184.00
___ART11100	EURO CURVED TRACK 4'	92.00
___ART11103B	EURO CURVED TIES BULK (48)	61.00
___ART11210	EURO SWITCH MANUAL LEFT	40.00
___ART30370	SWITCH WIDE MANUAL RIGHT	65.00
___ART30380	SWITCH WIDE MANUAL LEFT	65.00
___ART30400	19.5 CROSSING	60.00
___ART11500	EURO CURVE 5" DIAMETER	40.00
___ART11600	EURO CURVE 8' DIAMETER (16)	40.00
___ART11800	EURO CURVE TRACK 10' DIAMETER (12)	254.00
___ART11820	EURO CURVE TRACK 20' DIAMETER (16)	514.00
___ART12101	*ALUMINUM STRAIGHT 12" (12)	42.00
___ART12160	*ALUMINUM CROSSING 19.5	30.00
___ART12161	*ALUMINUM CROSSING 30	20.00
___ART12162	*ALUMINUM CROSSING 90	20.00
___ART12175	*ALUMINUM SWITCH WIDE MANUAL LEFT	60.00
___ART12176	*ALUMINUM SWITCH WIDE MANUAL RIGHT	60.00
___ART12181	*ALUMINUM CURVE 10'D DIAMETER (12)	125.00
___ART12199	*ALUMINUM STRAIGHT TRACK 5'	225.00
___ART12105	*ALUMINUM RAIL 8' (12)	200.00
___ART11003B	EURO TRACK TIES BULK (48)	61.00
___ART11031	LIT BUMPER W/LIGHT	9.50
___ART11350	RE-RAILER BRASS 12"	20.00
___ART11900B	RAIL JOINERS (50)	24.00
___ART11930	RAIL CLAMP BRASS (10)	12.00
___ART11930B	RAIL CLAMP BRASS (100)	100.00
___ART30031	US STRAIGHT TRACK 1/2 6"	48.00
___ART30033B	TRACK TIES 1' STRAIGHT (48)	61.00

ON-HAND LIST AS OF 9/1/09

Item	Description	List			
ART11000	12" STRAIGHT TRACK (12PCS)	92.00	ART12307	GRID SUSPENSION HOOK 20	3.00
ART11003	TRACK TIES 1' STRAIGHT EURO	1.30	ART12310	SUSPENSION BAR 16 BLACK	10.00
ART11003B	TRACK TIES 1' STRAIGHT EURO	61.00	ART12312	GRID BRACKET FOR TOWER 15	7.00
ART11004B	FLEX TRACK TIES 1' EURO 48PCS	61.00	ART12316	CEILING GRID CLIP	3.00
ART11005	FLEX RAIL BRASS 8' (12)	364.00	ART12401	TRACK SUPPORT FLOWER TUB (6)	8.00
ART11031	BUMPER W/O TRACK - LIGHTED	9.50	ART20030	S.S. STR. TRACK 1'(12)	124.00
ART11060	24" STRAIGHT TRACK(12PCS)	184.00	ART20031	USA STR. TRACK 1/2 S.S.	64.00
ART11095	EURO STRAIGHT 6' W/CLAMPS 6PCS	255.00	ART20035	STAINLESS STEEL RAIL 8' 12 PC	416.00
ART11096	72" STRAIGHT TRACK(12PCS) W	510.00	ART2008CLUB	CLUB FEE FOR 2008	25.00
ART11098	60" STRAIGHT TRACK (6)	256.00	ART20100	SS CURVE TRACK 4' (124.00
ART11099	60" STRAIGHT TRACK(12PCS)	486.00	ART20112	SS CURVE TRACK 6.5'	208.00
ART11100	CURVE TRACK 4'DIAM(12PCS)	92.00	ART20199	SS RAIL JOINERS (12)	7.00
ART11101	EURO TRACK CURVE 1/2	48.00	ART20330	SS #6 SWITCH RIGHT	182.00
ART11103	EURO TRACK TIES CURVED	1.30	ART20335	SS #6 PARALLEL ADAPTOR	40.00
ART11103B	TRACK TIES CURVED - EURO	61.00	ART20340	SS #6 SWITCH LEFT	182.00
ART11140	20" DIAM. CIRCLE OF TRACK	80.00	ART20345	SS #6 WYE SWITCH SS	120.00
ART11145	31" DIAM TRACK (4) FOR BARREL	90.00	ART20375	SIDING FOR 10' DIAM.SWITCH	25.00
ART11200	SWITCH-MANUAL RIGHT	40.00	ART20380	SS SWITCH WIDE MANUAL LEFT USA	74.00
ART11205	SWITCH-REMOTE RIGHT	50.00	ART20400	SS CROSSING 19.5	60.00
ART11210	SWITCH-MANUAL LEFT	40.00	ART20405	SS CROSSING 30 DEGREE	45.00
ART11297	MANUAL SWITCH MACHINE	8.00	ART20410	SS CROSSING 90 DEGREE	45.00
ART11300	30 DEGREE CROSSING	40.00	ART21301C	SWITCHER PRR (BLK)W/CAB	244.00
ART11350	RERAILER 12 STRAIGHT	20.00	ART21306C	SWITCHER UP W/CABOOSE	244.00
ART11500	CURVE TRACK MED 5' DIAM	128.00	ART21309C	SWITCHER ATSF W/CAB	244.00
ART11600	EURO CURVE TRACK LGE. 8' BRASS	206.00	ART21311C	SWITCHER B&O W/CABOOSE	244.00
ART11700	CURVE TRACK 9' DIAMETER BRASS	232.00	ART21327C	SWITCHER D&RGW W/CABOOSE	244.00
ART11800	EURO CURVE TRACK 10' BRASS	254.00	ART21850	LONG VAND. TENDER -UNDEC BLK	239.00
ART11803	EURO CURVE TRACK 14' BRASS	360.00	ART21875	USRA TENDER - UNDEC	239.00
ART11804	EURO CURVE TRACK 15' BRASS	384.00	ART21900	SLOPE.TENDER UNDEC.(BLK)	120.00
ART11805	EURO CURVED TRACK 16.5' BRASS	416.00	ART21925	SLOPE TENDER CHRISTMAS	120.00
ART11820	EURO CURVE TRACK 20' BRASS	514.00	ART22310-3	FA1-B-A ATSF	665.00
ART11900	RAIL JOINERS(12PACK)BRASS	7.00	ART22403	SD-45 DIESEL - ATSF/SANTA FE	480.00
ART11900B	TRACK RAIL JOINERS (50)	24.00	ART22405	SD-45 DIESEL - UNION PACIFIC	480.00
ART11901	RAIL JOINERS (4PACK) PLASTIC	4.50	ART22406	SD-45 DIESEL - ERIE LACKAWANA	480.00
ART11901B	RAIL JOINERS (25PACK) PLASTIC	21.00	ART22409	SD-45 DIESEL - PRR	480.00
ART11902	TAP & DRILL SET 2MM FOR TRACK	8.00	ART22413	SD-45 DIESEL - CP RAIL	480.00
ART11903	WATERPROOF MICRO SWITCH (2)	10.00	ART22425	SD-45 DIESEL GN	480.00
ART11905	STATIONARY ROLLERS (4 PACK)	50.00	ART22501C	LIL'CRITTER PRR W/CAB	174.00
ART11906	TRACK GAUGE w/ LEVEL	11.00	ART22502C	LIL'CRITTER B&O W/CABOOSE	174.00
ART11910	SOCKET HEAD TRACK SCREW	4.50	ART22503C	LIL'CRITTER UP W/CABOOSE	174.00
ART11911	RAIL TO TIE SCREWS (50)	6.00	ART22505C	LIL'CRITTER ATSF W/CABOOSE	174.00
ART11921	DUAL RAIL BENDER	225.00	ART22506C	LIL'CRITTER DRGW W/CABOOSE	174.00
ART11930	RAIL CLAMP BRASS (10PCS)	12.00	ART22601C	CEN.CAB IND.SW.PRR W/CAB	258.00
ART11930B	RAIL CLAMP BRASS BULK (100)	100.00	ART22603C	CEN.CAB IND.SW.UP W/CAB	258.00
ART11940	RAIL CLAMP (10) SILVER PLTD.	15.00	ART22605C	CEN.CAB IND.SW. ATSF W/CAB	258.00
ART11950	WIRE W/LUG FOR JOINERS (10)	12.00	ART22606C	CEN.CAB IND.SW.D&RGW /WCAB	258.00
ART12101	ALUMINUM STRAIGHT 12	42.00	ART22701	EGG LINER - ATSF	109.00
ART12105	ALUMINUM RAIL 8' (12 PCS)	200.00	ART22702	EGG LINER - UNION PACIFIC	109.00
ART12110	ALUMINUM CURVE TRACK 4'(24PCS)	126.00	ART22703	EGG LINER - ATLANTIC COAST LIN	109.00
ART12160	ALUMINUM CROSSING 19.5 DEGREE	30.00	ART22704	EGG LINER - SO. PACIFIC	109.00
ART12161	ALUMINUM CROSSING 30 DEGREE	30.00	ART22705	EGG LINER - SO. RWY.	109.00
ART12162	ALUMINUM CROSSING 90 DEGREE	30.00	ART22706	EGG LINER - PENNSYLVANIA	109.00
ART12175	ALUMINUM SWITCH WIDE LEFT MAN.	60.00	ART22708A	EGG LINER - EASTER EGG	109.00
ART12176	ALUMINUM SWITCH WIDE RIGHT MAN	60.00	ART22710	EGG LINER - RUSSIAN JEWEL	109.00
ART12181	ALUMINUM TRACK 10' CURVED	125.00	ART22725	EGG LINER - CHRISTMAS	109.00
ART12199	ALUMINUM ST. TRACK 5'(12PCS)	225.00	ART23501	GP-40 DIESEL B&O	423.00
ART12202	ROADBED - 5' CURVED	46.00	ART23502	GP-40 DIESEL ATSF	423.00
ART12203	ROADBED - 8' CURVED	20.00	ART23505	GP-40 DIESEL D&RGW	423.00
ART12204	ROADBED - 10' CURVED	20.00	ART23506	GP-40 DIESEL C&NW	423.00
ART12301B	GRID SHELF 15 X 24 BLACK	16.00	ART23507	GP-40 DIESEL W.MARYLAND	423.00
ART12302B	GRID 1/4 ROUND CURVE BLACK	10.00	ART23508	GP-40 DIESEL SSW COTTON BELT	423.00
ART12303B	GRID INSIDE CORNER BLACK	15.00	ART23509	GP-40 DIESEL GTW	423.00
ART12303W	GRID INSIDE CORNER WHITE	10.00	ART23510	GP-40 DIESEL BNSF	423.00
ART12304	WALL BRACKET 15 BLACK	9.00	ART23511	GP-40 DIESEL B&M	423.00
ART12305	GRID S HOOK FOR DOOR AREA	1.00	ART23600	E-8 UNDEC.	480.00
ART12306	GRID SUSPENSION HOOK 10	2.00	ART23601	E-8 PRR	480.00
			ART23602	E-8 SP	480.00

ART23603	E-8 UNION PACIFIC	480.00	ART29511	PLUG FOR POWER TO TENDER	11.00
ART23604	E-8 ACL	480.00	ART29512	DITCH LIGHTS (2)	17.00
ART23605	E-8 B & O	480.00	ART29514	DASH 9 EXTRA WEIGHTS	42.00
ART23606	E-8 DIESEL CP BEAVER/MAROON	480.00	ART29515	WEIGHTS FOR THE SD-45	42.00
ART23611	E-8 DIESEL NYC	480.00	ART29517	E-8 WEIGHTS 3 + SCREWS	30.00
ART23613	E-8 DIESEL AMTRAK	480.00	ART29518	WIRES W/FEMALE PLUG L+230MM	2.00
ART23614	E-8 DIESEL EL	480.00	ART29519	PLUG MALE L=200MM	2.00
ART23615	E-8 DIESEL ERIE	480.00	ART29600	TRACK TO PACK.CONN.WIRE	6.00
ART23619	E-8 ATSF PTD	480.00	ART29603	ARISTO-LUBE OIL 1.125 OZ.	5.00
ART23620	E-8 CB&Q PTD. W/RED STRIPE	480.00	ART29605	10 AMP FUSE FOR TRAIN ENG.	6.00
ART28001RC	0-4-0 FRT STARTER SET R/C PRR	407.00	ART29607	MU CABLE	9.00
ART28009RC	0-4-0 FRT STARTER SET R/C SF	407.00	ART29700	CHAIR KIT-L(6PCS)LONG CABOOSE	11.00
ART28125RC	0-4-0 STARTER SET PSGR RC XMAS	472.00	ART29703	DOUBLE CHAIR SET (4)	9.00
ART28601RC	EGGLINER SET - LADY BUG	240.00	ART29704	NEW ROOF WALK FOR FRT CAR	11.00
ART28602RC	EGGLINER SET - CHRISTMAS	240.00	ART29706	LOWERED FLOOR FOR ROLLING STOK	17.00
ART28604RC	EGGLINER SET - ATSF	240.00	ART29708	LONG CABOOSE ROOF WALK/NEW	17.00
ART29098	FRT.TRUCK W/METAL WHEELS&BB	66.00	ART29950	TRACK CLEANING PAD	8.00
ART29099	MODERN FREIGHT TRUCKS W/PL WHL	26.00	ART30030	USA STR.TRACK 1' (12PCS)	92.00
ART29101	TRUCK-FREIGHT PLASTIC WHEELS	28.00	ART30031	USA TRACK STRAIGHT 1/2	48.00
ART29102	TRUCK-CABOOSE METAL WHEELS	58.00	ART30060	USA STR.TRACK 2 FT (12)	184.00
ART29105	ROGERS LOCO METAL SML.WHL.SET	18.00	ART30090	USA 3' STRAIGHT TRACK	276.00
ART29106A	ROGERS FRONT DRIVE WHEELS	24.00	ART30100	USA CURVE TRACK 4'(12 CIRCLE)	92.00
ART29106B	ROGERS BACK DRIVE WHEELS	24.00	ART30101	USA CURVE TRACK 1/2 SECTION	48.00
ART29107	TRUCK-PSGR(WOOD)METAL WHEELS	58.00	ART30103	TRACK TIES CURVED - USA	1.30
ART29108	TRUCK-LONG TENDER (PAIR)	58.00	ART30110	USA CURVE TRACK 5' (12)	128.00
ART29109	TRUCK-HWT.PSGR.(PAIR)	58.00	ART30112	USA CURVE 6.5 DIAM	168.00
ART29110	TRUCK-HWT.PSGR.6 METAL WHEELS	74.00	ART30120	USA CURVE TRACK 10' DIAM (12)	254.00
ART29111B	METAL WHEELS - BLACK 4 AXLES	33.00	ART30121	USA CURVE 11.5'	296.00
ART29111BB	METAL WHEELS - 12 PACKS	291.00	ART30123	USA CURVE 14' DIAM	360.00
ART29111D	MTL WHLS - BLK 4 AXLE W/O HUB	33.00	ART30125	USA CURVE 20' DIAM	514.00
ART29111S	METAL WHEELS SILVER 4 -AXLE	33.00	ART30194	60' STRAIGHT TRACK (6)	256.00
ART29112	SPRINGS-FREIGHT TRUCK	8.00	ART30195	USA STR. TRACK 5' (12)	486.00
ART29113	SPRINGS-PASSENGER TRUCK	8.00	ART30300	USA SWITCH MANUAL RIGHT	40.00
ART29114	SPRINGS-DIESEL TRUCK	8.00	ART30310	USA SWITCH REMOTE RIGHT	50.00
ART29115	TRUCK-SLOPE TENDER (PAIR)	58.00	ART30330	#6 SWITCH MANUAL RIGHT	150.00
ART29117	TRUCK-PSGR. STRMLN	82.00	ART30335	#6 PARALLEL ADAPTOR	42.00
ART29118P	DIESEL BUSHING (PREVIOUS)	11.00	ART30340	#6 SWITCH MANUAL LEFT	150.00
ART29119S	SPRINGS STREAMLINE SILVER	9.00	ART30345	#6 WYE SWITCH BRASS US	105.00
ART29120	TRUCK-DELTON TO ARISTO (PR)	9.00	ART30350	USA SWITCH MANUAL LEFT	40.00
ART29123B	BALL BEARING WHEELS 2 AXLES BL	62.00	ART30360	USA SWITCH REMOTE LEFT	50.00
ART29131	METAL DIESEL WHEEL W/TIRE	18.00	ART30370	SWITCH WIDE MANUAL RIGHT	65.00
ART29134	COMMONWEALTH 6 AXLE TRUCK PR	96.00	ART30375	SIDING FOR 10' DIAM. SWITCH	20.00
ART29140	BALL BEARINGS FOR PASS.TRK(10)	20.00	ART30380	SWITCH WIDE MANUAL LEFT	65.00
ART29196	COUPLER-KNUCKLE (1 PAIR) E-8	14.00	ART30400	CROSSING 19.5	60.00
ART29197	COUPLER-KNUCKLE (1 PAIR)DASH 9	12.00	ART30410	CROSSING 90 DEGREE	40.00
ART29201	COUPLER RS-3/LIL' CRITTER	17.00	ART30500	EXTENDER TRACK SET #1 ISA	100.00
ART29203	HOOK & LOOP COUPLER 6 PR	30.00	ART31001	SIERRA COACH PENNSYLVANIA	153.00
ART29205	COUPLER- KNUCKLE (PR) SD-45	14.00	ART31001-3	SIERRA SET - PRR	458.00
ART29301	SMOKE STACK(OPG)STV/PSG.CAB.	28.00	ART31002	SIERRA COACH B&O BALT&OHIO	153.00
ART29302	SMOKE STACK(OPG)ROGERS LOCO	24.00	ART31004	SIERRA COACH DRGW/YELLOW	153.00
ART29304	SMOKE STACK(OPG) PSGR.WOOD	24.00	ART31005	SIERRA COACH ATSF/SANTA FE	153.00
ART29306	SMOKE UNIT-STEAM LOCO 0-4-0	28.00	ART31005-3	SIERRA SET - ATSF	458.00
ART29309	SMOKE UNIT-LOCO RS-3	28.00	ART31009	SIERRA COACH WPY/WHITE PASS	153.00
ART29313	SMOKE UNIT PARTS	9.00	ART31009-3	SIERRA SET- WHITE PASS	458.00
ART29352	UNIVERSAL FOR PACIFIC 6 PACK	24.00	ART31011	SIERRA COACH D&RGW GREEN	153.00
ART29356	MOTOR BLOCK - C.CAB W/A-FRAME	89.00	ART31011-3	SIERRA PASS.SET - D&RGW GREEN	458.00
ART29358	MOTOR BLOCK-RAILBUS W/A-FRAME	89.00	ART31025	SIERRA COACH CHRISTMAS	153.00
ART29360	MOTOR FOR 0-4-0	23.00	ART31025-3	SIERRA SET - CHRISTMAS	458.00
ART29363	PACIFIC GEAR BOX W/WHLS	161.00	ART31301	STD.HVY.WHT.COACH PRR/PENN.	291.00
ART29400	GEAR BOX & MOTOR 2-4-2 ROGERS	41.00	ART31302	STD.HVY.WHT.COACH B&O	291.00
ART29401	BRUSH & SPRING	9.00	ART31305	STD.HVY.WHT.COACH SO. CRESCENT	291.00
ART29404	RUBBER TIRES 2-4-2 ROGERS	9.00	ART31308	STD.HVY.WHT.COACH UP/UNION PAC	291.00
ART29406	BRUSH,SPRING&BUSHING(8)DIESEL	11.00	ART31310	STD.HVY.WHT.COACH SO.PAC.DAY	291.00
ART29411	BALL BEARING SET (10)	20.00	ART31311	STD.HVY.WHT.COACH ATSF	291.00
ART29500	MARKER LIGHT LONG/BAY-CAB	8.00	ART31651	STD.HVY.WHT BAGGAGE PRR	291.00
ART29501	MARKER LIGHTS 2-4-2 ROGERS	8.00	ART31658	STD.HVY.WHT BAGGAGE UP	291.00
ART29502	BULB/LONG CAB./SIERRA(10PC)	17.00	ART31659	STD.HVY.WHT BAGGAGE D&RGW	291.00
ART29503	BULB & SOCKET SET W/WIRE	11.00	ART31711	STD.HVY.WHT.COMBINE ATSF	210.00
ART29507	BULB/HVYWT/STRMLINE(2PC)	8.00	ART31732	STD.HVY.WHT.COMBINE NAPA	210.00
ART29508	RS-3 MARKER LIGHTS (PR)	11.00	ART31801	STD.HVY.WHT.PULLMAN PRR	291.00

ART31802	STD.HVY.WHT.PULLMAN B&O	291.00	ART41419P	COAL HOPPER - READING & NO.	98.00
ART31805	STD.HVY.WHT.PULLMAN SO.CRESC.	291.00	ART41420P	COAL HOPPER 100T - WM RED	98.00
ART31808	STD.HVY.WHT.PULLMAN UP	291.00	ART41421P	COAL HOPPER - PRR KEYSTONE	98.00
ART31810	STD.HVY.WHT.PULLMAN SP	291.00	ART41423P	COAL HOPPER - READING	98.00
ART31811	STD.HVY.WHT.PULLMAN ATSF	291.00	ART41424P	COAL HOPPER - ERIE LACK	98.00
ART31817	STD.HVY.WHT.PULLMAN C&NW	291.00	ART41425P	COAL HOPPER - D&H	98.00
ART31832	STD.HVY.WHT.PULLMAN NAPA	291.00	ART41603	3 DOME-TANK ATSF/SANTA FE	75.00
ART31901	STD.HVY.WHT.SET PRR	1160.00	ART41604	3 DOME-TANK UP/UNION PACIFIC	75.00
ART31902	STD.HVY.WHT.SET B&O	1160.00	ART41608	3 DOME-TANK MOBIL	75.00
ART31905	STD.HVY.WHT.SET SO. CRESC.	1160.00	ART41610	3 DOME-TANK OILZUM	75.00
ART31908	STD.HVY.WHT.SET UP	1160.00	ART41611	3 DOME-TANK MARVEL OIL	75.00
ART31910	STD.HVY.WHT.SET SP DAYLIGHT	1160.00	ART41612	3 DOME-TANK SHELL OIL	75.00
ART31932	STD.HVY.WHT.SET NAPA VALLEY	1160.00	ART41617	3 DOME-TANK PITTS.PLATE GLASS	75.00
ART32908	STREAMLINE SET - PRR	1112.00	ART41802A	2 BAY COAL HOPPER ATSF	80.00
ART40002	GONDOLA 20' - A.T.S.F.	46.00	ART41803A	2 BAY COAL HOPPER UP	80.00
ART40003	GONDOLA 20' - U.P.	46.00	ART41804A	2 BAY COAL HOPPER D&RGW	80.00
ART40011	GONDOLA 20' - D&RGW	46.00	ART41805A	2 BAY COAL HOPPER SR	80.00
ART40015	GONDOLA 20' - WHITE PASS	46.00	ART41808A	2 BAY COAL HOPPER GN	80.00
ART40025	GONDOLA 20' - CHRISTMAS	46.00	ART42103	CABOOSE LONG RIO GRANDE	132.00
ART40102	20' TANK CAR - ATSF	46.00	ART42104	CABOOSE LONG PRR/PENNSYLVANIA	132.00
ART40103	20' TANK CAR - UP	46.00	ART42106	CABOOSE LONG SANTA FE	132.00
ART40111	20' TANK CAR - D&RGW	46.00	ART42200	BOBBER CABOOSE UNDEC (RED)	46.00
ART40113	20' TANK CAR - HONEY BEE	46.00	ART42201	BOBBER CABOOSE PRR/PENNA	46.00
ART40115	20' TANK CAR - WHITE PASS	46.00	ART42208	BOBBER CABOOSE UP/UNION PAC	46.00
ART40125	20' TANK CAR - CHRISTMAS	46.00	ART42210	BOBBER CABOOSE DRGW/RIO GRAND	46.00
ART40201	20' FLAT CAR - PRR	46.00	ART42211	BOBBER CABOOSE ATSF/SANTA FE	46.00
ART40205	20' FLAT CAR - B&O	46.00	ART42215	BOBBER CABOOSE WHITE PASS	46.00
ART40225	20' FLAT CAR - CHRISTMAS	46.00	ART42225	BOBBER CABOOSE CHRISTMAS	46.00
ART40302	20' BOX CAR - ATSF	46.00	ART45100	40' DBL.DOOR BOXCAR UNDEC	90.00
ART40303	20' BOX CAR - UP	46.00	ART45101	40' DBL.DOOR BOXCAR ATSF	90.00
ART40311	20' BOX CAR - D&RGW	46.00	ART45102	40' DBL.DOOR BOXCAR UP	90.00
ART40315	20' BOX CAR - WHITE PASS	46.00	ART45103	40' DBL.DOOR BOXCAR COTTON BLT	90.00
ART40325	20' BOX CAR - CHRISTMAS	38.00	ART45104	40' DBL.DOOR BOXCAR ACL	90.00
ART41001	GONDOLA SOO/COLORMARK	76.00	ART45105	40' DBL.DOOR BOXCAR NYC	90.00
ART41102	COV.GONDOLA NEW YORK CENTRAL	82.00	ART45106	40' DBL.DOOR BOXCAR PRR	90.00
ART41103	COV.GONDOLA PITT/LAKE ERIE	82.00	ART45107	40' DBL.DOOR BOXCAR C&NW	90.00
ART41109	COV.GONDOLA ATSF	82.00	ART45108	40' DBL.DOOR BOXCAR GN	90.00
ART41110	COV.GONDOLA UP	82.00	ART45109	40' DBL.DOOR BOXCAR B&O	90.00
ART41112	COV.GONDOLA DENVER RIO GRANDE	82.00	ART45110	40' DBL.DOOR BOXCAR N&W	90.00
ART41201	COV.HOPPER NICKEL PLATE ROAD	99.00	ART45111	40' DBL.DOOR BOXCAR SOUTHERN	90.00
ART41205	COV.HOPPER ATSF/SANTA FE	99.00	ART45112	40' DBL.DOOR BOXCAR MILW.	90.00
ART41207	COV.HOPPER BORAXO	99.00	ART45113	40' DBL.DOOR BOXCAR SO.PAC,	90.00
ART41208	COV.HOPPER UNION PACIFIC	99.00	ART45114	40' DBL.DOOR BOXCAR CB & Q	90.00
ART41210	COV.HOPPER FARM.CO-OP (PINK)	99.00	ART45115	40' DBL.DOOR BOXCAR W.M,	90.00
ART41211	COV.HOPPER RIO GRANDE	99.00	ART45116	40' DBL.DOOR BOXCAR ERIE	90.00
ART41215	COV.HOPPER PRR/PENNSYLVANIA	99.00	ART45200	40' PLUG DOOR BOX CAR UNDEC	90.00
ART41216	COV.HOPPER RDG/READING	99.00	ART45201	40' PLUG DOOR BOX CAR NH	90.00
ART41218	COV.HOPPER BURLINGTON NO.	99.00	ART45202	40' PLUG DOOR BOX CAR FGE	90.00
ART41220	COV.HOPPER C&NW	99.00	ART45203	40' PLUG DOOR BOX CAR DT&C	90.00
ART41224	COV.HOPPER ATSF SM. HERALD BRN	99.00	ART45205	40' PLUG DOOR BOX CAR CNJ	90.00
ART41225	COV.HOPPER L&NE FRIED EGG	99.00	ART45206	40' PLUG DOOR BOX CAR FRISCO	90.00
ART41226	COV.HOPPER D&RGW GRAY	99.00	ART45207	40' PLUG DOOR BOX CAR ATSF	90.00
ART41227	COV.HOPPER CEN.OF GEORGIA	99.00	ART45208	40' PLUG DOOR BOX CAR PRR	90.00
ART41228	COV.HOPPER WABASH W/FLAG	99.00	ART46000	BOX CAR(STEEL)PTD w/DATE	90.00
ART41229	COV.HOPPER NEW HAVEN BROWN	99.00	ART46003	BOX CAR(STEEL)ATSF/SANTA FE	90.00
ART41230	COV.HOPPER FRISCO BLACK	99.00	ART46004	BOX CAR(STEEL)PRR/PENNA.	90.00
ART41231	COV.HOPPER GN BILLY GOAT BLUE	99.00	ART46006	BOX CAR(STEEL)GREAT NORTHERN	90.00
ART41303	S.DOME-TANK MOBIL OIL	82.00	ART46008	BOX CAR(STEEL)B&O/SENTINEL	90.00
ART41304	S.DOME-TANK UNION OIL	82.00	ART46010	BOX CAR(STEEL)UP/UNION PAC.	90.00
ART41308	S.DOME-TANK UP/UNION PACIFIC	82.00	ART46011	BOX CAR(STEEL)B&O TIMESAVER	90.00
ART41309	S.DOME-TANK ATSF/SANTA FE	82.00	ART46012	BOX CAR(STEEL)DL&W/PHOEBE SNO	90.00
ART41310	S.DOME-TANK PRR/PENNSYLVANIA	82.00	ART46018	BOX CAR(STEEL)EL/ERIE-LACK.	90.00
ART41323	S.DOME-TANK BAKER'S CHOCOLATE	82.00	ART46021	BOX CAR(STEEL)SP OVERNIGHT	90.00
ART41325	S.DOME-TANK CHRISTMAS	82.00	ART46023	BOX CAR(STEEL)PRR/100TH ANNIV	90.00
ART41327	S.DOME-TANK BALLENTINE	82.00	ART46027	BOX CAR(STEEL)ARR/ALASKA	90.00
ART41402P	COAL HOPPER-N&W	98.00	ART46028	BOX CAR(STEEL)BCR/BUFFALO CRK	90.00
ART41403P	COAL HOPPER PRR	98.00	ART46029	BOX CAR(STEEL)NYS&W/ SUSIE-Q	90.00
ART41409P	COAL HOPPER CONRAIL	98.00	ART46033	BOX CAR(STEEL)ONR/ONTARIO	90.00
ART41410P	COAL HOPPER CHICAGO & NW	98.00	ART46045	BOX CAR(STEEL)BESS.& LAKE ERIE	90.00
ART41413P	COAL HOPPER SR/SO.RAILWAY	98.00	ART46056	BOX CAR (STEEL)SO.RAILWAY	90.00

ART46058	BOX CAR (STEEL)BRITISH COLUMBI	75.00	ART60017	SHEPHERD W/CAPE AND DOG	9.00
ART46061	BOX CAR (STEEL)GTW	90.00	ART60018	CONDUCTOR WITH LANTERN	9.00
ART46063	BOX CAR (STEEL) BN	90.00	ART60020	SEATED CHILD/GIRL	9.00
ART46066	BOX CAR (STEEL)ERIE	90.00	ART60025	SEATED SANTA ENGINEER	9.00
ART46067	BOX CAR (STEEL)CONRAIL	90.00	ART60026	STANDING SANTA	9.00
ART46069	BOX CAR (STEEL)SOO LINE	90.00	ART60027	HOB0 W/POLE AND BAG	12.00
ART46071	BOX CAR (STEEL)CHESSIE CAT	90.00	ART60029	HOB0 - FAT KING OF THE ROAD	12.00
ART46072	BOX CAR (STEEL)CNJ	90.00	ART60031	POLICEMAN	9.00
ART46078	BOX CAR (STEEL)N & W	90.00	ART60032	STATE TROOPER	9.00
ART46101	STOCK CAR ARMOUR	90.00	ART60034	TEXAS RANGER	9.00
ART46103	STOCK CAR UP/UNION PACIFIC	90.00	ART60035	FARMER IN COVERALLS	9.00
ART46105	STOCK CAR DRGW/RIO GRANDE	90.00	ART60036	LUMBERJACK	9.00
ART46106	STOCK CAR ATSF/SANTA FE	90.00	ART60037	WEST POINT CADET-MALE	9.00
ART46107	STOCK CAR SR/SO.RAILWAY	90.00	ART60039	US ARMY MARINE - MALE	9.00
ART46108	STOCK CAR GN/GREAT NORTHERN	90.00	ART60040	US ARMY SOLDIER-FEMALE	9.00
ART46109	STOCK CAR PRR/PENNSYLVANIA	90.00	ART60041	US NAVY SAILOR-MALE	9.00
ART46111	STOCK CAR M-K-T/KATY	90.00	ART60042	WOMAN WITH BABY	9.00
ART46115	STOCK CAR WP/WESTERN PACIFIC	90.00	ART60043	BRIDE	9.00
ART46117	STOCK CAR B&O/BALTIMORE&OHIO	90.00	ART60044	GROOM	9.00
ART46125	STOCK CAR CHRISTMAS	90.00	ART60045	CLOWN #1	9.00
ART46202	REEFER SCHLITZ BEER	90.00	ART60046	CLOWN #2	9.00
ART46203	REEFER PABST BEER	90.00	ART60047	CLOWN #3	12.00
ART46206	REEFER BLATZ BEER	90.00	ART60048	CLOWN #4	12.00
ART46210	REEFER RED ROSE ICE CREAM	90.00	ART60049	CLOWN #5	12.00
ART46211	REEFER STEWART'S ROOT BEER	90.00	ART60050	ICE SKATER-MALE	12.00
ART46222	REEFER NYC/20TH CENTURY BEER	90.00	ART60051	ICE SKATER-FEMALE	12.00
ART46223	REEFER FGE/FRUIT GROWERS	90.00	ART60052	ICE SKATER MAN W/SCARF	12.00
ART46224	REEFER WIF/WEST INDIA FRUIT	90.00	ART60054	ICE SKATER-FEMALE W/SCARF	12.00
ART46225	REEFER CHRISTMAS/NO.POLE	90.00	ART60055	ICE SKATER-MALE RACER	12.00
ART46259	REEFER STEEL 40' BREX	90.00	ART60056	HOB0 CATCHING GOOSE	9.00
ART46260	REEFER STEEL NW REF. LINE NWX	90.00	ART60057	HOB0 FAT QUEEN OF THE ROAD	11.00
ART46277	REEFER CANADIAN NATIONAL	90.00	ART60058	HOB0 W/POLE RECLINING	12.00
ART46311T	FLAT CAR-STAKE NYC (2)	107.00	ART60059	U.S. AIRFORCE OFFICER W/BAG	12.00
ART46361	SEARCHLIGHT PRR/PENNSYLVANIA	136.00	ART60060	MALE SPORTSMAN W/GOLF CLUBS	12.00
ART46362	SEARCHLIGHT UP/UNION PACIFIC	136.00	ART60061	MALE SPORTSMAN W/TENNIS	9.00
ART46364	SEARCHLIGHT ATSF/SANTA FE	136.00	ART60062	FEMALE W/TENNIS DRESS	9.00
ART46403T	BULK.FLAT SP (2)	114.00	ART60063	FEMALE W/BABY	12.00
ART46406T	BULK.FLAT PRR (2)	114.00	ART60064	SEATED MALE READING	9.00
ART46409T	BULK.FLAT CHSY (2)	114.00	ART60065	SEATED MALE ASLEEP	9.00
ART46415T	BULK.FLAT - UP (2)	114.00	ART60066	SEATED FEMALE SEWING	9.00
ART46890	COUPLER-MATE FOR ROADRLR	26.00	ART60067	SEATED FEMALE W/BABY	12.00
ART46950	TRACK CLEANING CAR - ARISTO	84.00	ART60068	TRACK WORKER W/PICK	12.00
ART46951	TRACK CLEANING CAR - PRR	84.00	ART60069	TRACK WORKER W/SLEDGE HAMMER	12.00
ART46952	TRACK CLEANING CAR - B & O	84.00	ART60070	WORKER W/WHEEL BARREL	12.00
ART46953	TRACK CLEANING CAR - UP	84.00	ART60071	PHOTOGRAPHER W/CAMERA	12.00
ART46955	TRACK CLEANING CAR - SR	84.00	ART60073	COWBOY W/SADDLE	12.00
ART50002P	53' EVANS BOX CAR ATSF	96.00	ART60075	MAN FISHING	12.00
ART50003P	53' EVANS BOX CARS CSX	96.00	ART60076	WORKMAN W/ JACK HAMMER	12.00
ART50004P	53' EVANS BOX CAR NORFOLK SO.	96.00	ART60077	WORKMAN FOR COMPRESSOR	12.00
ART50005P	53' EVANS BOX CAR B & M	96.00	ART60077B	COMPRESSOR	12.00
ART50006P	53' EVANS BOX CAR UP	96.00	ART60078	MAN SHOVELING	9.00
ART50007P	53' EVANS BOX CAR C&NW	96.00	ART60080	WOMAN WORKER W/WRENCH	9.00
ART50010P	53' EVANS BOX CAR TROPICANA	96.00	ART60081	WOMAN WORKER W/SHOVEL	9.00
ART50011P	53' EVANS BOX CAR BN	96.00	ART60082	FIGURE - SEATED - SELMA	9.00
ART50012P	53' EVANS BOX CAR MISSOURI PAC	96.00	ART60083	FIGURE - SEATED - STUDENT	9.00
ART50014P	53' EVANS BOX CAR - WP	96.00	ART60084	FIGURE - SEATED EATING	9.00
ART50016P	53' EVANS BOX CAR PAN AM	96.00	ART60085	FIGURE - SEATED - YOUNG WOMAN	9.00
ART60001	SEATED TRAIN ENGINEER	9.00	ART60086	FIGURE - SEATED CHILD W/RR	9.00
ART60002	TRAIN CONDUCTOR	9.00	ART60087	FIGURE - SEATED - MAN IN SUIT	9.00
ART60003	TRAIN BRAKEMAN	9.00	ART60088	FIGURE - SEATED W/BINOCULARS	9.00
ART60004	MAN IN SUIT	9.00	ART60089	FIGURE - SEATED - LINDA	9.00
ART60006	MAN WITH SACHEL	9.00	ART60090	FIGURE - SEATED - SHIRLEY	9.00
ART60007	MAN IN SHIRT	9.00	ART60091	FIGURE - SEATED - TERRY	9.00
ART60008	PORTER IN WHITE JACKET	9.00	ART60092	FIGURE-SEATED-MARYANN W/HAT	9.00
ART60009	DINING CAR WAITER	9.00	ART60093	FIGURES- SEATED - MOTHER &CHIL	12.00
ART60010	SOLDIER W/DUFFLE BAG	12.00	ART60094	FIGURE - SEATED - KATHRYN	9.00
ART60012	SEATED PASSENGER MALE W/STICK	12.00	ART60103	12 PINE TREE	9.00
ART60013	SEATED PASSENGER FEMALE	9.00	ART60197	TURNABLE FOR FIGURES	24.00
ART60014	SEATED PASSENGER CHILD/MALE	9.00	ART60300	TEDDY BEAR 2 JOINTED	8.00
ART60015	STATION MASTER	9.00	ART60301	TEDDY BEAR JOINTED 8"	8.00
ART60016	TRAIN FIREMAN	9.00	ART60302	TEDDY BEAR ENGINEER 2	8.00

ART60303	TEDDY BEAR CONDUCTOR 2	8.00	ART89101	FREIGHT TRUCK(PR.)W/O COUPLER	33.00
ART60405	SCRAP LOAD FOR GONDOLA	22.00	ART89103	CABOOSE TRUCK W/METAL WHEELS	58.00
ART60407	COAL LOAD 100 TON HOPPER	28.00	ART89200	COUPLER-KNUCKLE/PAIR	14.00
ART62005	MILITARY TRAVELERS SET	46.00	ART9000	PARTS BOOK-EXPLODED VIEW	7.00
ART62006	CLOWN SET	46.00	ART90010	HOW MODEL TRAINS ARE MADE DVD	20.00
ART62008	ICE SKATERS SET	50.00	ART92002	2002/3 CATALOG	6.00
ART62009	SPORTING PEOPLE SET	41.00	ART92005	2005 COLOR CATALOG	6.00
ART62010	PUBLIC SAFETY UNIFORMED SET	41.00	ART92007	2007 COLOR CATALOG	9.00
ART62011	CONSTRUCTION WORKERS SET	41.00	ART92008	ARISTO-CRAFT 116 PAGE CAT.	9.00
ART66002	FLOCKED BABY ELEPHANT	2.98	ARTCLUBFEE08	2008 CLUB FEE	25.00
ART66006	FLOCKED BEAR	2.98	CLUB MEMBERSHIP	2008 2008 CLUB MEMBERSHIP	25.00
ART66007	FLOCKED LIONESS	2.98	CRE0001	GRAIN OF WHEAT 12V CLEAR	51.00
ART66008	FLOCKED GORILLA	2.98	CRE0005	GRAIN OF WHEAT 4 ASST COLORS	51.00
ART66009	FLOCKED WHITE TIGER	2.98	CRE00072	MICRO SWITCH	2.00
ART66010	FLOCKED TIGER	2.98	CRE00073	MICRO SWITCH W/LEVER 10PCS	14.00
ART66011	FLOCKED LION	2.98	CRE0010	GRAIN OF RICE BULBS CLEAR (40	51.00
ART66012	FLOCKED ELEPHANT	3.98	CRE0011	GRAIN OF RICE 10EA. CRGA (40)	51.00
ART66013	FLOCKED ZEBRA	2.98	CRE29428	DALLEE/ARISTO INSTALLATION KIT	18.00
ART66014	FLOCKED GIRAFFE	2.98	CRE29429	TRACK MAGNET (6)	4.00
ART70002	BUMPER STICKER - ARISTO-CRAFT	2.00	CRE29431	REED SWITCHES (2)	7.00
ART7100	VICTORIAN STATION BUILT-UP	161.00	CRE29433	8.4V NIMH BATTERY 200MA	8.00
ART7101	COVERED BRIDGE	74.00	CRE29601	CREST- SMOKE FLUID 4 OZ.	5.00
ART7103	WATER TOWER	150.00	CRE29602	CONDUCTIVE GREASE 2 OZ.	8.00
ART7104	OVER & UNDER TRESTLE SET	47.00	CRE29603	CREST - LUBE - OIL 1.125 OZ.	6.00
ART7105	COVERED WAITING PLATFORM	60.00	CRE29606	CONDUCTIVE GREASE 4 OZ.	15.00
ART7106	12 PC.TRESTLE SET 8 1/2	36.00	CRE29608	TE OUTPUT GLASS FUSE (5)	4.00
ART7109	WATCH TOWER w/OPER.LT & SMOKE	108.00	CRE55001	TRAIN ENGINEER RECEIVER	53.00
ART7110	SIGNAL BRIDGE w/LIGHTS	39.00	CRE55002	H.O. TRAIN ENG RX 6 PACK	210.00
ART7114	TRANSMISSION TOWERS (PAIR)	48.00	CRE55004	RECEIVER 2 PACK	95.00
ART7200	THE PASSENGER DEPOT - BUILT-UP	84.00	CRE55401	CONTROLLER	84.00
ART7203B	FARMHOUSE / TAN w.WHITE TRIM	102.00	CRE55452	TRACK TO PACK CONNECTOR HEAVY	9.00
ART7203C	FARM HOUSE - BLUE W/WHITE	102.00	CRE55460	ULTIMA 10 AMP POWER SUPPLY	162.00
ART7206	CHURCH	150.00	CRE55465	ELITE DUAL VOLATAGE POWER SUPP	179.00
ART7209	CEMETARY SET #2	36.00	CRE55466	JEWEL 5 AMP REGULATED SUPPLY	116.00
ART7210B	TRACT HOUSE BUILT UP GREEN	192.00	CRE55467	15 AMP CONTROLLER ONLY	175.00
ART7401	FOAM PORTAL	24.00	CRE55468	EVEREST POWER SUPPLY 15A 24V	210.00
ART7402	DOUBLE PORTAL	48.00	CRE55470	D.C. TRAIN ENGINEER SET	240.00
ART7403	WINGS FOR FOAM PORTALS	90.00	CRE55471	DC TRAIN ENGINEER RECEIVER	162.00
ART7404	FOAM VIADUCT	78.00	CRE55473	DC TRAIN ENGINEER TX	132.00
ART7405	FOAM VIADUCT PIERS (2)	48.00	CRE55474	DC/RC WIRELESS ACCESS SWITCH	89.00
ART80114C	CLASSIC C-16 D&RGW BLK+CABOOSE	504.00	CRE55475	DC/RC 5 SWITCH RX	96.00
ART80202C	CLASSIC C-16 WOOD DRGW+CABOOSE	504.00	CRE55480	BASIC TRAIN ENGINEER 30' 2 AMP	122.00
ART80212C	CLASSIC C-16 WOOD UP+CABOOSE	504.00	CRE55491	ON BOARD TRAIN ENG. 75	209.00
ART80214C	CLASSIC C-16 WOOD D&RGW+CABOO	504.00	CRE55492	ONBOARD RX PLUS TX	342.00
ART81001	CLASSIC GONDOLA DRGW/RIO GRND	54.00	CRE55493	GEL CELL BATTERY 6V 3.2 AMP x3	64.00
ART81002	CLASSIC GONDOLA COLO.& SO.	54.00	CRE55494	CHARGER FOR GEL CELLS	113.00
ART81007	CLASSIC GONDOLA WPY/WH.PASS	54.00	CRE55497	BATTERY CAR R/C W/O BATTERY	180.00
ART81401	CLASSIC COAL HOPPER RIO GRAND	66.00	CRE55498	ON-BOARD COOLING FAN	26.00
ART81402	CLASSIC COAL HOPPER COLO.& SO	66.00	CRE55499	FAN FOR 55471 ABOVE 5 AMPS	26.00
ART81407	CLASSIC COAL HOPPER WH.PASS	66.00	CRE55601	AUTO CUTOFF FOR GELL BATTERY	21.00
ART82102	CLASSIC LNG.CABOOSE CO.& SO	132.00	CRE55602	WIRE HARNESS FOR BATTERY SET	14.00
ART82114	CLASSIC LONG CABOOSE D&RGW RED	132.00	CRE55611	Y PLUG FOR BATTERY PARALLEL	8.00
ART83101C	CLASSIC RAILBUS D&RGW	330.00	CRE55612	BATTERY BOX 6 AA FOR REM.SW.	8.00
ART83102C	CLASSIC REO RAILBUS CO.& SO	330.00	CRE55613	Y PLUG FOR BATTERY SERIES	8.00
ART83108C	CLASSIC REO RAILBUS ATSF	330.00	CRE55620	CHARGER FOR LI-ON BATTIERIES	39.00
ART83111C	CLASSIC REO RAILBUS WHT.PASS	330.00	CRE55621	ADAPTOR PLUG FOR LI-ON BAT CHG	4.00
ART83115C	CLASSIC RAILBUS U.P.	330.00	CRE55622	PLUG ADAPTOR FOR 55620 for Eur	4.00
ART84196	LIVE STEAM BUTANE FILLER VAL	30.00	CRE55650	BATTERY NMH 12V 28 M.A.	77.50
ART84198	CD VIDEO OF LIVE STEAM	8.00	CRE55651	BATTERY NIC_D 12V 1500 M.A.	37.50
ART84199	STEAM OIL 1 QT.	16.00	CRE55660	CHARGER FOR NICAD&NMH	35.00
ART86001	CLASSIC BOXCAR(WOOD)RIO GRNDE	66.00	CRE57072	G SMOKE BOARD 6 PACK	100.00
ART86002	CLASSIC BOXCAR(WOOD)CO.& SO	66.00	CRE57073	G SMOKE BOARD	22.50
ART86007	CLASSIC BOXCAR(WOOD)WH.PASS	66.00	CRE57076	CAPACITOR BOARD FOR G	25.00
ART86201	CLASSIC REEFER(WOOD)RIO GRNDE	72.00	CRE57088	6 PIN ACCESSORY PLUG	6.00
ART86202	CLASSIC REEFER(WOOD)CO.& SO.	72.00	CRE57089	EXT. BUTTON CORD	6.00
ART86207	CLASSIC REEFER(WOOD)WH.PASS	72.00	CREFA130	CERMAG MOTORS	3.00
ART86401	CLASSIC FLTCARw/REEL RIO GRND	69.00	CREG-1	SET OF 3 CERMAG PINION GEARS	1.30
ART86402	CLASSIC FLTCARw/REEL CO.& SO	69.00	CRERE140	CERMAG MOTOR	3.00
ART86407	CLASSIC FLTCARw/REEL WH.PASS	69.00	CRERE260	CERMAG MOTOR	3.50
ART86500	LOG CAR	96.00			