



# ***THE ARISTO-CRAFT "INSIDER"***



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***Southeast Large Scale  
Train Show Wrap-Up!***

*By Harry Hartman*

***From The Desk  
Of The President***

*By Lewis Polk*

***Aristo-cizing The Competition***

*by Ron Wenger*

***Layout Photo Spotlight***

*Snow Hits The South Jersey RR*

*Show Schedule*

*March/April Consumer Sale  
2007 Aristo-Craft Railroad Club*

*Prime Mover Sets*

*Dealer Listing*

*In-Stock List*

*New Arrivals*

## **Southeast Large Scale Train Show Wrap-Up!**



**by Harry Hartman**

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



*Miller-Murphy-Howard Building, Perry, Georgia  
Site of the 2007 SELSTS*

February has brought winter weather finally to West Virginia, including single-digit temperatures and some snow, something we have not seen all winter.

February was also an exciting month because it was the Second Annual Southeast Large-Scale Train Show, or SELSTS, in Perry, Georgia.

As the new manager for the show, I know now what some of the ball players call pre-game jitters. I remember a couple nights I did not sleep much because I was wondering, had all the necessary paperwork finished? Had I ordered enough show flyers? What were some really profound questions I could ask on the survey forms?

It was very exciting seeing the show come together the closer we got to the show dates. A lot of emails went back and forth between vendors, guest speakers, club members, and excited attendees. I was excited to see all the interest grow and expand with each passing day.

This year's SELSTS had more vendors and more booths filled with goodies for attend-

ees to enjoy-- unique layouts, special locos and rolling stock for their consists at home, and questions answered by experts in every aspect of garden railroading. We had five new vendors and one new modular display for the 2007 show. If we keep growing at this rate, in 2 - 3 years, JJ Productions will have the expand the SELSTS to incorporate a second building to house the annual show.

This year's show was kicked off with a banquet hosted by the Georgia Garden Railway Society-- Excellent food, fantastic speaker and wow, the door prizes. If you were not able to attend the banquet, you missed an evening of fun, great fellowship, and information.

At the show, if you were standing just inside the doors to the exhibit hall when they opened, several phrases were spoken many times over and over-- "Wow!" "Awesome!" "Hey, Dad, look at that!"

Walking around the room, another phrase was heard from time to time-- "You know, I bet Bill (or Mike or someone else's name) would have enjoyed this show." Well, next year, invite them to come with you to the show.

On the large-scale railroad club side of the exhibit hall floor, you could hear people asking all sorts of questions of the club members about their displays. Occasionally you would hear a "I never thought about doing it that way. Gee, thanks for telling me that."

It was also great to hear people walk out of the seminars, see their friends, and say, "You should have gone to that seminar. It was excellent!" I also heard, "That seminar alone was worth the admission price!"

The 2008 SELSTS can only get bigger and better. Start making plans to attend next year's show. The dates of the 2008 SELSTS will be February 15<sup>th</sup> and 16<sup>th</sup>.

The 10th annual East Coast Large-Scale Train Show, or ECLSTS, is shaping up to be another great show. We have six new vendors that will be bringing their products to the show along with many, many returning vendors with great values for you to look through.

The ECLSTS has become a tradition with many. Listening to the people talk as I walk through the halls, looking at the surveys that were filled out last year, and watching the posts on the Aristo-Craft Trains Forum, you can tell people are excited about the ECLSTS and make plans almost a year in advance. If there is something new out, you can usually find it at the ECLSTS.

I understand that the famous bear TATE is going to do some reading of his favorite children books at this show. TATE has always taken the time to stop and talk with the children at the show. He was seen last year giving out autographed photos of himself.

Make sure you attend some of the seminars at both locations-- Great speakers with fantastic topics. Some of the speakers are the same people that you read about in the magazine. You can meet them in person and ask your questions. Many vendors give seminars on their new products.

In closing, I'd like to say thanks to all who helped with the SELSTS and also those who attended the event. It was a great first show for Kathy and I, and we are looking forward to seeing many of you again next year at the 2008 SELSTS. Now it is time to concentrate on the 10th annual ECLSTS which will be held on March 30-31, 2007.

For more information about the SELSTS and ECLSTS shows, visit <http://www.largescaletrain-shows.com>.

## **SELSTS Photos**



*Kids and parents look on with delight at one of the large-scale railroad club layouts at the SELSTS.*



*SELSTS visitors check out the Aristo-Craft Trains booth, one of many vendors at the show this year.*



*An excited prize winner and his mother. Harry says, "When I called his number out, his mother said he was so excited. After I checked their number to confirm, the little boy got so excited and had to open the box right there to see inside. I asked to take a photo and permission to publish. She said OK. (They were from Perry, GA) Then he said, 'Come on, Mom, we need to buy some more trains NOW!' They both left me still smiling when I think about them!"*



*Local gardeners from the area were on-hand at the SELSTS to answer questions about "problems" garden railroaders might be having about their own gardens. The information available and tips for what to grow heard lots of positive comments on this booth.*



*Ric Golding shows a "new" train engineer how to make locos move backwards and forwards.*



*Harry says, "This show attendee won a door prize on Friday AND Saturday. How lucky can you get? I asked him to buy a lottery ticket for me. His name is Ronald Halverstadt from Cocoa, FL."*



**FROM THE DESK OF THE PRESIDENT...****by Lewis Polk**

Why does it take so long to get a product to market?

There are many reasons such as:

The market can absorb only so many new products a year at a sustainable sales level. If we did too many in one year, many of you and your dealers would have to limit their purchases and thus our sales of a new item.

It takes several months to do the research, and often that means finding a real one and photographing it from every point of view, including standing on the roof of a loco quite precariously.

We also need plans of the real locomotive to make sure we have all the hidden detail needed and this needs to be researched.

An experienced engineer needs to conceive how the product is going to be engineered for successful operation and mass production and what components and materials will be chosen.

Then, several skilled draftspeople need to draw every part individually and then assemble all of the parts into a 3D CAD drawing of the item. The drawings need to be done with CAD CAM software, where each "seat" costs in the area of \$10,000 and then there is a high-grade computer with sufficient power, storage and speed to handle the software for each of the several engineers working on this project.

Don't forget, a chief engineer had to plan out the design and workability of the loco and its electronics and drive systems.

This also takes many months prior to revisions by our mechanical engineers to make sure it will work as necessary.

Often, we then have to make sample "stereo lithography" parts from the drawings that indicate what the injected parts will look like when the molds are done. This can only be done from 3D drawings, but is essential for critical components of the products.

After this is all done, another specialist engineer has to re-draw everything into a reverse mold drawing and take into consideration shrinkage of the mold parts based on the type of material to be used, balance of the flow of the plastic, temperature of the injected plastic, the size of the mold and the shrink rate of the material especially where bends take place.

Then the mold work begins and takes 4 months on average to get the first test shots after which the molds are rectified to take out sink marks and other pin marks. This is always a month of work at least.

The test shots need to be assembled into the final product by an engineer who makes sure the parts are competently made for later mass assembly. All parts such as screws, bulbs, wire, weights, metal stampings, PCB boards, wiring setups, switches, wheels and dozens of other miscellaneous parts must be sample ordered and checked for usability in the product. Then the parts need to be entered into an MRP computer database, so when you order the product all parts have the proper purchase orders from vendors who have submitted good parts at acceptable prices.

At that point, we get a pre-engineered sample for checking by our design engi-

neers who often have created the original cad designs and they need to be sure their ideas have been interpreted properly and the outcome is as intended. The material choices must be confirmed, as are the lights, metal parts and all of the other components used.

Once we have a competent pre-engineering sample we have to re-draw it to make a template for the artwork. This is done here in the States, which provides the films and exact placements of the art on the body of the product. The research and drawing for each paint scheme can take up to a week and if you have 12 paint schemes it's 3 months just to prepare the artwork. It's typical to pay as much for the 12 artwork schemes and the corresponding masks and pad plates as we did for the original molds. If you want total accuracy this is one place not to skimp on costs. We get samples sent to us by Express Shipping at astronomical pricing to check, so that the finished decorations are accurate and the colors are correct.

Then a new Styrofoam mold needs to be generated by an engineer to protect the item in it's packaging. This is an injection mold too and the product is put through a drop test to insure the product will arrive safely to the consumer as it moves through the distribution chain. Aristo-Craft packs every item in its own shipping carton to protect the inner gift box and product, so it arrives to you as it left the factory.

The factory has tested the product for not only a drop test, but for heat and cold tolerance, hardness of the materials, color accuracy and a host of other tests as needed depending on the product.

Once we have the Styrofoam we then design the gift box here for accuracy of

features, color and spelling and send it overseas for printing.

Then we create a purchase order and the factory goes about ordering all of the hundreds of components involved in making the product. Even something like each wire needs to be specced out for color, thickness, length, tinned or not tinned, and quantities per loco times the production run. Every screw needs to be specced out to amongst the thousands of types of screws possible and even light bulbs have to be ordered with the right dimensions, voltages and bases choices. Each of the complicated specs needs to be put into a computer, so that each time you re-order each part comes in exactly as first ordered. God forbid you need to change a speck and the process has to be done all over. Can you imagine this process before computers?

Now we wait for the parts to come in. Usually, the longest waiting time is for the motor that commonly takes 3 months for delivery. Do you understand that not one of the parts in the locomotive is stocked anywhere, but made to order? That's the only way to make these trains as we only run an item twice a year at best. Not only that, but production cannot begin until every screw and part is on hand or the product cannot be fully assembled.

We're talking short run manufacturing here, where the production line is set up for a day or two and then changed. Most products you make the same item every day, so the just in time manufacturing savings and training of assembly costs are greatly reduced. Not so with model trains, so the success of a factory is how well they can make the same product each and every time you order it even if it's several months between orders.

With every company having thousands of items you must make sure that you do not have parts left over or the cost of

storing these parts would eat up any of the profit in the making of the product by the assembly house.

The above process usually takes one and ½ years from the time you say OK for a project and you have to pay for the project molds and design before the product is made. The tragedy of model trains is that after the first introduction the sales drop 80%, so the pre-sell of the first run is crucial to making enough money on the item to have the capital to move to a second item. Remember, that the cost of each new item is equivalent to purchasing a typical house and can't be done lightly. There are no mortgages or long-term payout methods as a bank would never loan money on molds that are held in China.

This necessitates careful planning and timing of projects, as too many products in the hopper at one time could bankrupt a company, as could a single failed project. The miracle is that anything gets made at all and what does come on the market is so good in this day and age, as the competitive nature of the maker and the demands of the market place mean only the very best survive.

Then there is the running of a good business from the accounting point of view, management style, advertising, people and engineers.

We are Aristo-Craft are pleased that we are survivors and a team of people who are dedicated to the hobby industry and the pleasure derived out of offering top-notch products at "the standard of excellence" that has been our motto since beginning to make trains.

So the length of getting a project to market is at least one and one half years and that's if you don't have a snafu along the way. It's a labor of love more than a "business" and I know most of you think that the product just falls out of a

machine like a Lego (tm) block. The way the goods are made is just as intriguing, but that's a story for another day.

We want you to enjoy your trains and perhaps this insight into the way the trains come into being will help enhance your love of your hobby.

All the best,  
Lewis Polk



## LAYOUT PHOTO SPOTLIGHT

*Joe Sova of Bel Air, MD, provides us with some great layout photos this month. See what happens when snow hits the South Jersey RR! Captions are from Joe, as well. Thanks, Joe!*



About one (scale) foot of snow halted everything in town.

First snowfall of the year hits the Jersey Southern RR. Less than an inch accumulated. Not enough to use the snowplow, darn it!



Workers clear the station platform as the stationmaster checks his watch expecting arrival of first train soon.





Passengers make their way to the platform as the RDC train arrives.



Passengers queue up to board the train.

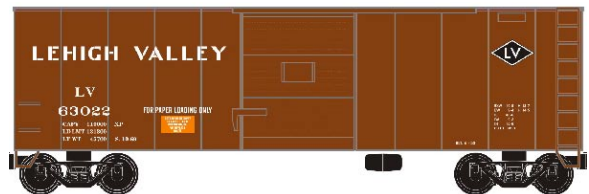


The RDC leaves town with grateful passengers aboard!

## **2007 10th ANNUAL EAST COAST LARGE SCALE TRAIN SHOW**

**Multitude of Dealers - Host of Manufacturers - Operating Layouts  
Garden Railroad Clubs - Seminars - And much more!**

**Purchase this limited edition locomotive and car  
only at the show. Limited quantities!**



**SHOW LOCO:** Lehigh Valley RS-3  
**SHOW CAR:** Lehigh Valley  
40' Steel Boxcar

**SHOW LOCO & CAR PRICES:**

**LOCOMOTIVES \$125.00**

**FREIGHT CARS \$45.00**

Locomotives will have 2 road numbers

Freight cars will have 4 road numbers and metal wheels.

Locomotives & cars must be purchased at show. No advance purchases.

**TIMES:** Fri. 9:00 AM - 8:00 PM  
Sat. 9:00 AM - 4:00 PM

**LOCATION:** York Fairgrounds York, PA

**DATES:** March 30 & 31, 2007

**ADMISSION:**

\$10.00 per day Children under 12 free  
2 Day Pass Available \$18.00  
2 Day Group (Club) Rates Available  
\$15.00 for 25 or more tickets when purchased in advance

**Visit [www.largescaletrainshows.com](http://www.largescaletrainshows.com) for Show information**

**Call: 908-361-2117**

**9-5 Mon-Fri East Coast Time**

**Email: [jjproductions@atlanticbb.net](mailto:jjproductions@atlanticbb.net)**

**JJ Productions, PO Box 142**

**Ridgeley, WV 26753**

**DEALERS WANTED!**



**The 2007 Aristo-Craft Railroad Club**

**CONTINUE YOUR LIMITED EDITION COLLECTION OF ARISTO-CRAFT TRAINS  
WITH THE 2007 CLUB CSX & BNSF 100-Ton Coal Hoppers**

**MEMBERSHIP INCLUDES...**

- Collector editions of Aristo-Craft Trains available for exclusive membership prices at our on-line store <http://www.aristocrafttrainstore.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 2007 and expires 12/31/2007 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.

2007 Club Models expected mid-year 2007

## **You Can't Get These Great Items Unless You're An "Insider!"**

Join the most exclusive club in Large-Scale Model Railroading by becoming an "Insider" member in the Aristo-Craft Railroad Club!

With your \$25.00 2007 Aristo-Craft Railroad Club membership, you can order specially priced models directly from Aristo-Craft. This year, we are offering the 100-ton Coal Hoppers in CSX and BNSF. Each version will come in six different road numbers, with CSX hoppers having three road numbers with the CSXT reporting mark and three road numbers with the NYC reporting mark.

**Join the Aristo-Craft Railroad Club Today and start enjoying the benefits of membership!**

**ARISTO-CRAFT RAILROAD CLUB 2007 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 2007 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](http://www.aristocrafttrainstore.com)

<input type="checkbox"/> 2007 Aristo-Craft Railroad Club Membership	\$25.00	
<input type="checkbox"/> CSX 100-Ton Coal Hoppers All 6 road numbers	\$250.00	\$ _____
<input type="checkbox"/> CSX 100-Ton Coal Hopper CSXT 833001	\$50.00	\$ _____
<input type="checkbox"/> CSX 100-Ton Coal Hopper CSXT 833017	\$50.00	\$ _____
<input type="checkbox"/> CSX 100-Ton Coal Hopper CSXT 833025	\$50.00	\$ _____
<input type="checkbox"/> CSX 100-Ton Coal Hopper NYC 481999	\$50.00	\$ _____
<input type="checkbox"/> CSX 100-Ton Coal Hopper NYC 484420	\$50.00	\$ _____
<input type="checkbox"/> CSX 100-Ton Coal Hopper NYC 489708	\$50.00	\$ _____
<input type="checkbox"/> BNSF 100-Ton Coal Hoppers All 6 road numbers	\$250.00	\$ _____
<input type="checkbox"/> BNSF 100-Ton Coal Hopper BNSF 652233	\$50.00	\$ _____
<input type="checkbox"/> BNSF 100-Ton Coal Hopper BNSF 652237	\$50.00	\$ _____
<input type="checkbox"/> BNSF 100-Ton Coal Hopper BNSF 652245	\$50.00	\$ _____
<input type="checkbox"/> BNSF 100-Ton Coal Hopper BNSF 652264	\$50.00	\$ _____
<input type="checkbox"/> BNSF 100-Ton Coal Hopper BNSF 652272	\$50.00	\$ _____
<input type="checkbox"/> BNSF 100-Ton Coal Hopper BNSF 652293	\$50.00	\$ _____
<input type="checkbox"/> ART29111D Metal Wheels for Hopper (4 wheel sets)	\$18.50	\$ _____
<input type="checkbox"/> Coal Load for Hopper	\$18.50	\$ _____
<input type="checkbox"/> Total		\$ _____

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

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-cizing the Competition**

### **Another Ultimate Kit Bash**



Text and Photos  
by Ron Wenger

**Forward: As I stated in the article preceding this one, it is no secret that I own locomotives and**

**rolling stock made by other manufacturers; All of us do. Even Lewis has a few goodies made by the competition. We would not be true model railroaders if we did not. Besides it is a good way to keep track of what the competition is doing.**

However I must confess that I have never owned a three-axle USA Trains Diesel. There are several reasons for this, besides the fact that I already own more locomotives than a normal person should have (85 last count and more on the way). Another of the reasons being I have worked on more than a couple of these for friends and I just did not like the design of the three-axle trucks that USA used on them. It works and some folks like them, and they do have a fly wheel, which is a good thing, but I just personally never cared for the design from an engineering standpoint. And perhaps the biggest reason of all, they just do not lash up well with the SD45's and Dash 9's. These nice-looking locomotives are often found lashed up with those big movers on our local CSX main line.

When a friend approached me with the idea of replacing the worn out motor blocks under one of his SD40-2's with Aristo-Craft three-axle motor blocks, at first I told him that I thought that it was more work than it was worth. However about that time I had just finished replacing the motor blocks on three USA GP7/9's and adding four pounds of weight to them, so I told him to bring it over and I would take a look at it. Well, after some serious study this summer I decided that it could be done and did the first one for him. He then showed up with one that

## **Second in a Series of Ultimate Kit Bashes: (Putting Aristo-Craft 3-Axle Power Blocks under the USA Trains SD40-2)**

was brand-new out of the box and asked me if I would do a second for him. With that I started work on this article.

Right about the time I started this, I suffered the second of two optical hemorrhages this year. This one wiped out the little vision I had remaining in my right eye. I ended up putting a lot of things on hold until I had surgery in September and then went through an eight-week recovery period. Then while I was in the process of completing the write-up on this, I found out that I have glaucoma affecting my left eye. I will be starting treatment for that in an effort to preserve what little vision I still retain. So for those of you who have been waiting for this, I apologize for the inconvenience.

First of all let me say that other than my personal preferences there is nothing wrong with the motor blocks on any of the USA Trains locomotives. I don't care for the sliders, which most of us around here take off before the locomotives ever get on the track and the rubber traction tires, which I am surprised that anyone would ever want for outdoor use. The floppy articulated front end on these motor blocks aside, they do work, but, according to most of the guys around here, just are not as powerful as the Aristo-Craft Prime Mover Blocks. Again some of this may be a matter of taste or just preference. I do know after seeing these run with both type of motor block, it is preference on my part, but, according to some of the guys around here, they seem to be convinced that there is a bigger difference.

In my opinion, Paul Rose of Damascus, Maryland is one of the best large-scale model railroaders in the hobby. To me he is the consummate kit basher and rivet counter bar-none. Paul is one of these

unique individuals who takes a totally different approach than most of us to any problem. Paul has done several of these conversions and has documented his method on one of the large-scale web sites, but to me Paul's method was a bit too complex for the average modeler to do. I am not too sure that I could duplicate his process because I have a tendency to be impatient and look for that instant gratification that so many of us grab for. So I tend to look for a simpler way to do things, a way that does not require disassembly of the locomotive if I can keep from it.

My approach to this was to try and keep it on the KISS principle (Keep It Simple Stupid), as I wanted to make a project out of this that almost anyone can do. I also wanted to avoid going into the inside of this locomotive as I am a firm believer in the theory "if it isn't broke, don't fix it."

This project does require some soldering skills and there is just no way you're going to get around it on this one. You may come up with a mechanical way to connect the wiring harness to the Aristo-Craft Prime Mover block, but keeping it connected may be a chore. To do this project, you're also going to have to do a little bit of machine-shop type work, as well, and invest about 30-40 dollars in a couple of tools that you will see used in another article. So they won't go to waste. In fact they will be good all-around things to have in your shop.

**The Logic:** The approach that I took to this project is this. Since the journals in the USA side frames are almost 100% - notice I said almost-- 100% right on with where the axle tips would be on the Aristo-Craft Motor blocks if they

had axle tips, this should be an easy fix. But the Aristo-Craft Motor Blocks do not have axle tips. So to start off we are going to fix that by making axles for the Aristo-Craft motor blocks and building a wiring harness and in short order have the Aristo-Craft three-axle motor blocks under the USA three-axle Diesels. I know it sounds difficult, but it is a lot easier than you might think.

**How This Came About:** This is actually the result of my trying to find an easy way for folks who are somewhat mechanically/electrically challenged to change out the motor blocks on the older FA/FB type trucks. When the axle ends were done away with, a new way to install the motor blocks had to be found and the present screw-on method was developed. This is a great system if you are changing a motor block on one of the new locomotives with the new style A-frame that the motor blocks screw in and out of. If you don't have a locomotive with the new A-frame, then upgrading one requires you to take the locomotive apart to install the new "A" frame and then reassemble the locomotive. Not hard for many of us, but at close to 2.5 hours for each locomotive it is rather time-consuming and for some a real challenge.

One evening while using a larger tap and die set to rethread a bolt for my lawn tractor, it suddenly came to me, why not make axle tips for the new blocks that would allow for a one-for-one exchange.? I scrounged some parts and tools and made a set of axle tips for an older "F" unit that I had not yet converted to the new motor blocks and saw that it would work. The rest is now, as they say, history.

I told Lewis Polk about the approach that I was taking with the newer motor blocks, and at Lewis's request I have made a couple prototypes of these for the factory to take a look at. Lewis wants to check on the feasibility of having these made and put in a kit. This kit would work for the older Aristo-Craft two-axle locomotives or the three-axle motor blocks for use in the USA Trains three-axle locomotive since only two axles are needed for each end

of the locomotive.

Now if you are like me, you are not going to wait for the factory to make these, so we are going to make our own. It takes less than an hour to make eight of these. It actually takes more time to find the materials and tools needed to do this than it does to do it.

#### Lets get started:

**Note 1:** As with any how-to article, I highly recommend that you read this entire article through once before starting on this project. If you do not understand any portion of the article, you may want to reread it again before starting, as this is more complex than some of the how-to articles that I have written for the "Insider" before. If you still do not understand it after reading the article, send my alter ego Uncle Rusty Wrails an email at [wrailsrt@ix.netcom.com](mailto:wrailsrt@ix.netcom.com) and he will attempt to help you. Rusty does not always respond within a day or two but he will get back to you as soon as he can.

**Note 2:** I recommend doing one motor block at a time and using the Radio Shack jumper wires to verify your connections prior to soldering. I have found this to be very helpful over the years, as from time to time a wiring color will be deviated from by the factories. You can also do this to ensure that the locomotive is going in the same direction that the lights are shining in and that both motor blocks are going in the same direction.

**Step 1:** The first thing that you will want to do is procure two of the three-axle Aristo-Craft Prime Mover motor blocks.

**A full list of Tools and Materials is as follows:**

#### Tools:

1. **Micro Mark #82323 M3.0X.50 Die (I highly recommend getting both the tap and die and the handles for both the tap and die. This is a common size for Large Scale and has many uses.**

2. Soldering Iron.
3. Drill
4. 9/64<sup>th</sup> inch Drill Bit
5. #0 Small Phillips head screw driver
6. Small Flat Tip Screw Driver
7. Needle Nose Pliers
8. Side Cutters
9. Small hack saw or lineman's pliers to cut brass rod
10. Dremel tool or small grinder

#### Materials:

1. One pair of ART 29355 Aristo-Craft three-axle motor blocks
2. **Micro Mark #60228 1/8<sup>th</sup> inch Brass Rod**
3. Small Heat Shrink Tubing or Electrical Tape
4. Solder
5. Small 3MM nuts
6. Electrical connectors (for wiring harness)
7. Spool of 18-22 Ga Red wire
8. Spool of 18-22 Ga Black wire
9. Spool of 18-22 Ga Blue wire
10. Spool of 18-22 Ga Green wire
11. Crimp on round barrel plug connectors or any type of miniature-indexed connectors that you are comfortable with.
12. Masking Tape or some type of adhesive labels and a ballpoint pen.

Items 8 through 12 are at your discretion. I had access to some old Aristo-Craft modular power connectors both male and female and used those. If you can obtain some of these, I highly recommend it. I have suggested to Aristo-Craft that these be made available as a part in their online store or at dealers. If you do use the colored wire I recommend that you install the connectors on the wires so that they cannot be plugged into the wrong wires by accident.

As you may have surmised from the list of tools and materials, this is going to be a little more involved than the typical bash.

But don't let this list intimidate you. It's



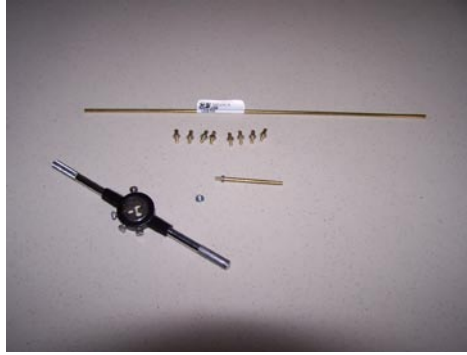
actually pretty easy.

#### Step 2:

The first thing we are going to do is manufacture eight axle ends. This is not as hard as it sounds, but if you have a problem with doing this, you may want to get someone who is a little more adept at this type of work to do it for you. As I stated above, Aristo-Craft is looking at having these manufactured for the two-axle diesels and they will work with both the Aristo-Craft two-axle motor blocks and the Aristo-Craft three-axle motor blocks.

You will need to secure the 1/8<sup>th</sup> inch brass rod in a vise, leaving only about three inches stick out of the vise. I usually take a Dremel tool and just slightly taper the end of the rod so that it makes it easier to start the tap on the rod. Slowly thread the rod so that you will have a threaded section of rod about 5/16<sup>th</sup> of an inch long. Clean off the shavings and screw one of the small threaded 3-mm nuts onto the rod as tightly as you can get it, being careful not to twist the rod. Now cut the rod about 1/4<sup>th</sup> of an inch from the nut and screw it into one of the axles on one of the motor blocks just enough to hold it in place. Take your Dremel tool and smooth or round the end of the axle so that it does not wear on the inside of the bushing in the side frame. Once you have made eight of these, you will be ready to start conversion of the Aristo-Craft Motor block for use with the USA trains side frame.

**Caution! Do not cave in to the urge to install all of these on the motor block at this time. You will see why shortly as the motor blocks have to be oriented to the direction that they will be installed in the diesel.**



#### Step 3:

In this step if you do not have the indexed or Aristo-Craft type power connectors, you're going to have to make two sets of connectors using the barrel type crimp or solder on connectors that you selected for this job. How you want to use these I will leave up to your discretion, but if you're doing more than one locomotive, you will want to make all of the locomotives to be identical to eliminate any confusion when servicing them. I used the Aristo-Craft type connectors and did it so that I could plug the power in on the motor block to the power out plug. This permits the motor block to be tested on the bench without the locomotive and will lessen the chance of you reversing the power to the locomotive and causing a short. You will want to assemble these so that you have about 3 1/2 inches of wire on each connector on the end. To be connected to the locomotive you will want to strip and tin about 3/16ths of an inch of wire on each end that does not have a connector on it.

#### Step 4:

In this step we will build the indexed connectors if you do not have any that

are suitable for your needs. If you do, you can skip this step and go to the next step.

I am making this an extra step because it's going to be easier to build these on the bench than it is to do it after the wires are connected to the motor block. Here you can go off and freelance a little but read the following first.

**I highly recommend that you use a male connector on the power in (red and black) leads and a female on the power out (blue and green) leads.**

**This will insure a commonality on any future modifications that you might do and make your life easier. By putting the opposite gender plugs on the locomotive you can prevent creating a short when you remove motor blocks for any future repair work. I would not hard-wire these directly to the locomotive because, as we all know, if there is going to be a problem, the motor blocks are going to be the first things that we have to remove to get to it.**

I am not going into a lot of detail here, but you will need to construct enough connectors so that each end of the locomotive and motor blocks will have two pairs of female connectors and two pairs of male connectors. One pair of female connectors should have one blue wire and one green wire. The other three pairs will need one pair female with one red and one black wire and the two pairs of male connectors with one red and one black wire. You should tin the end of the wires that does not have a connector on them to make the assembly job easier.

#### Step 5:

In this step we are going to start getting the Aristo-Craft motor block ready for power. Since this motor block is designed to go in a diesel with buss strips there are no power leads on it. We are going to add a wiring harness at this time.

You will find that with this step I have taken as much care as possible to sim-

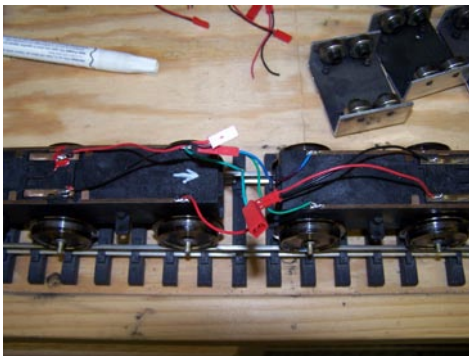
plify what can be the most crucial part of converting a locomotive. I have taken steps to make sure that the headlights, direction indicators and other features of this locomotive will still work properly when the conversion is completed. My approach to this may seem strange, but when finished and the locomotive is assembled, you will see the method to the madness.

### Both Blocks:

We will start by placing the two motor blocks back to back with the arrows on the bottom that indicate the travel end of each block pointing away from each other. What you should have at this point is the arrows on the bottom of the blocks oriented like this: ← →

You may find it helpful to mark the top of the block with an arrow or tape to indicate the direction of travel that the front of the locomotive will be traveling in. The arrows on the tops of the motor blocks would look like this: → →

I also marked mine with masking tape on which I wrote **front** on the front block and **rear** on the rear block. Since each block is wired differently with the wiring harness this will preclude you from getting them confused.



On the Aristo-Craft three-axle motor block the outside Buss strips that are usually copper in color are from the power pickups on the wheels. The two inside strips that are usually chrome or silver in color are the power inputs to the two motors.

You will now want to tin an area about

3/16<sup>th</sup> of an inch or more long on each of the ends of the long copper-colored buss strips that are butted together. Now we will attach the tinned end of the connectors to the motor blocks. You will also want to tin an area on each of the chrome metal strips closest to the ends of the motor blocks that are butted together. For the ease of the project I used the little tabs that were intended to be the contacts with the locomotive when these are used on Aristo-Craft Locomotives.

### Front Block:

With the top & bottom arrow on the first motor block on the right facing to the right, you will attach the red power input wire to the (closest to you) first input (silver/chrome) strip and the black power input wire to the second input (silver/chrome) strip (more distant) from you as you face the block. You have now completed the power input connections to the motor block.

Keeping the motor block with the top & bottom arrow pointed to the right, we will now install the power out (pick-ups) from the motor block. This is how the power gets from the rails to locomotive and then back to the block via the connectors you just installed.

**Take the green wire and solder it to the left (distant from the arrow) end of the copper strip nearest to you on the motor block and then solder the blue (red if you made your harness) wire to the copper strip opposite the one you just soldered the green wire on.**

### Rear Block:

With the top arrow pointing to the right or rear of the block you just finished you will now attach the black power input wire to the (closest to you) first input (silver/chrome) strip and the red power input wire to the second input (silver/chrome) strip (more distant) from you as you face the block. You have now completed the power input connections to the motor block.

Keeping the motor block with the top

arrow pointed to the right, we will now install the power out (pick ups) from the motor block. This is how the power gets from the rails to locomotive and then back to the block via the connectors you just installed.

**Take the red wire and solder it to the right (end with the arrow) end of the copper strip nearest to you on the motor block and then solder the green (green if you made your harness) wire to the copper strip opposite the one you just soldered the green wire on.**

### Why?

What we have just done is eliminate any need for changing any wiring scheme in the USA Trains locomotive by doing it on the blocks. It will require that you wire any replacement blocks the same way that you have wired these, but it eliminates any need to open the cavity of the locomotive unless you really like doing that.



**Pause: Now is a good time to get that cup of coffee or whatever stimulant that you prefer, take a bathroom break, or whatever because you are really**



done with the easy part.

#### The Locomotive:

Unlike Aristo-Craft Locomotives, the USA Trains locomotives pick up power from the track and by the use of sliders that add drag via friction to the train. There are both pros and cons to this method, and many prefer this method and even claims that it helps keep the track clean. I am not going to get into a long, drawn-out discussion on this as there are many points to both side of that coin and both sides are convinced that they are right, and they both may be right. Nuff said on that subject!

Now my personal preference is that I don't like the sliders and think that they detract from a beautiful effort by the manufacturer to represent the locomotive in question and may even be over engineering, but keep in mind it works and some like it, so don't toss those old motor blocks. You're going to have friends who need them sooner or later.

The method used to pick up power and return it to the motor blocks on the USA Trains locomotives is similar to that of some of the older Aristo-Craft Locomotives and with the new motor blocks the pickups in the side frames will no longer be required.

#### Step 6 a:

To start this step we will remove the side frames and the original motor block from one end of the locomotive. This is where you want to use a small tray to put all of the screws and parts in to keep them from being lost.

To do this step you will need to turn the locomotive upside down. This is where it helps to have a new locomotive that none of the small detail and side rails have been attached.

**I use a cradle that I got at the second ECLSTS held in York, PA. If you don't have something like this, you may want to use a couple of towels or something soft to cradle the loco-**

**tive to prevent damage to the body of the locomotive and hold it steady while you work.**

To remove the side frames we will need to remove the screws from them. There are two large screws near the top of the side frame on the end closest to the fuel tank and there are two smaller screws above that. All four of these screws are located between the two sets of wheels that have axle ends that extend into the side frames. The next two screws are two small-headed machine screws located between the last set of wheels that have axle tips and the front axle on the articulated portion of the motor block.

Depending on which side you remove, there will be a black or red wire going to the side frame. You can cut this wire as close to the point where it is soldered onto the side frame as you can. You can either cut it off where it enters the cavity or roll it up, tape it and push it back through the hole. None of the other wires on the side frame are needed, but I would not remove them as this gives you some redundancy for power between the two wheels-- not that it is really needed. There is a U-shaped metal "A" frame that is used to keep the front of the side frames together. Set this aside for re-use later. It is needed to help keep the whole assembly stable. **You are now pretty much at the point of no return.**

Now you will have to remove the four screws that hold the front articulated wheel on to the locomotive. Once these are removed the motor block should be free of the locomotive.

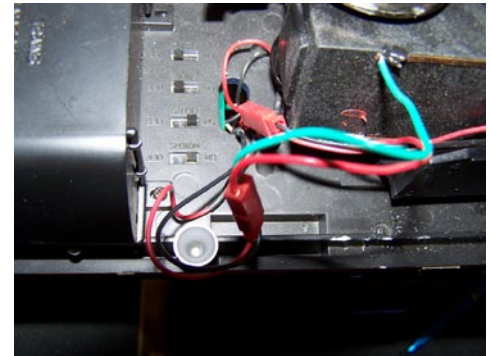
At this point you want to avoid the temptation to disconnect the wires and remove the motor block, you will see why shortly.

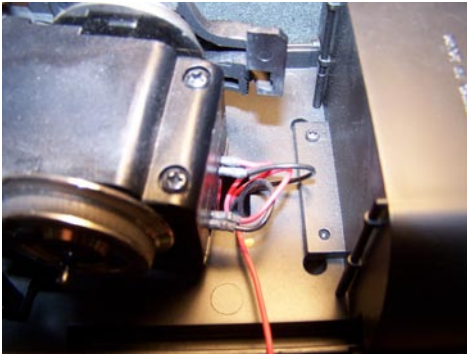
#### Step 6 b:

For some unknown reason, only two colors of wire are used on USA Trains motor blocks. I have my own ideas why. A few others have speculated that it is to prevent a conversion like this, or to limit what the average person will try to at-

tempt to do to one of these locomotives. I think that those reasons are way off base, but then, who knows? I basically think that it was just a cost factor. Either way it makes it difficult for the average individual to attempt any project on these locomotives.

Once you learn a couple of basic things about these motor blocks, it's pretty simple to deal with. On one end of the motor blocks there are four wires going into the block. These are connectors that slide on over pins. The two inside, or (longer) pins, are ***Power Out***. The two outside or (shorter) pins are ***Power In***. Power Out is just that it is the power that is picked up from the wheels to the locomotive and the Power In is the power that is coming back to the motor blocks from the locomotive.





In this next step you will want to remove the two inside wires on the USA motor blocks by pulling straight out gently but firmly. Tape the two wires together and mark them as **Power Out**. We are removing the power pickup wire first and marking them so that they do not get confused with the two wires that go to the motors. I recommend marking all of these wires as they are removed even if they are going to be attached to the connectors within minutes. All it takes is a phone call or a distraction that lasts a day or so and you are going to be scratching your head trying to remember which wire went where.

I left the factory ends of the USA trains connector wires on the wire, as this will make the next job simpler. I took the tinned leads from the Aristo-Craft male wiring harness connector set with the **Red and Black** wire and soldered them directly onto the USA trains connectors after using the USA connectors to crimp the wire in place. These look like they were made for that purpose and speed the conversion. If you are using the barrel or other connectors, you would want to use the **Male** connectors with **Red and Black** wires. I covered the soldered parts with heat shrink tubing. If you have a better way to do this, feel free to deviate; it's your locomotive. This should now mate to the power out connector on the Aristo-Craft motor block.

#### Step 6 c:

In this step you will remove and mark the two outside wires on the USA motor blocks using the same method as you used to remove the two inside wires. These are the **Power In** wires to the motor.

Again use the factory connectors as crimp-on connectors and solder the USA **Red and Black** wires to the Aristo-Craft harness with the **Female** connector and the wires will go **Red to Red and Black to Black**. If you are using the barrel or other connectors, you would want to use the **Female** connectors with **Red and Black** wires. I covered the soldered parts with heat shrink tubing.

#### Step 6 d:

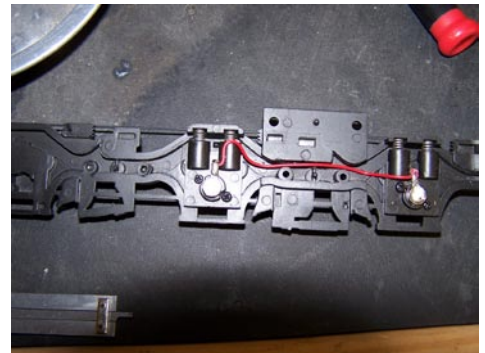
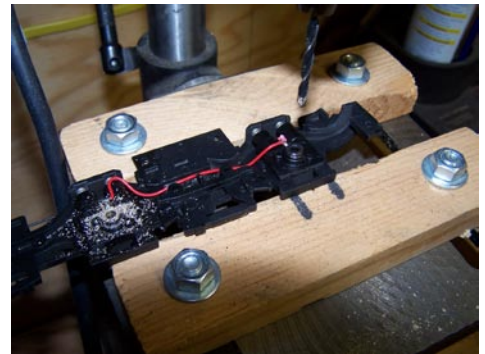
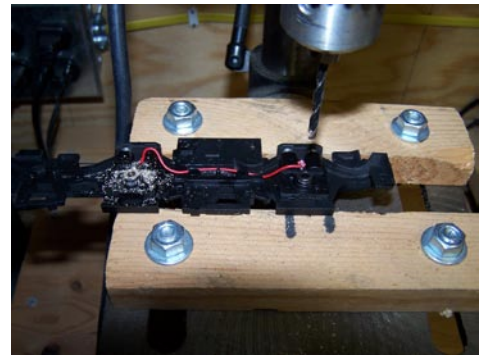
It would now be a good idea to apply power to the other end of the locomotive with a pair of alligator clips and make sure that both motor blocks are turning in the same direction, and that the lights are working in the right direction. This is just a simple step but you just never know when you may have gotten something in reverse.

**Step 7:** If everything tests out OK, you will now want to push as much of the wiring harness back inside of the small hole provided for the wiring. I really tried to avoid removing a lot of wire because a short harness is difficult to work with and there does seem to be an adequate amount of space to store the wire.

If everything does not check out OK, you will have to go back over your work until you find where you went astray. This is not a difficult project but there are places where you can get sidetracked.

Now you will want to start to prepare to put this end of the locomotive back together again. **The major part of Step 7 will be cleaning the grease out of the bushings and taking a 9/64ths drill bit and drilling out of the bushings in the side frames so that the axle tips will fit into the smaller USA trains bushings.**

I did this freehand on the first locomotive that I did. On the second I used a drill press. Both methods work if you take your time and go straight in. However I did have a better comfort level with the drill press. The main thing is to keep your work secure so that it does not catch and damage the side frame or the bushing.



Cleaning the grease out of the bushings and then cleaning the bushings again after drilling them out is essential. I used some hobby lube white grease with Teflon in the bushings at this point to make sure they were well lubricated. This does not have to be conductive grease as the only purpose of the side frames and bushings is to hold the new motor blocks in place.

#### Final:

You can now reassemble one side of the side frames, insert the motor block, and then install the other side of the side frames. If you're comfortable with everything you have done to this point, you can repeat the process on the other



end of the locomotive.

**One Note on the Side Frames:**

Here you will see what I meant in the opening about the side frames being ALMOST 100% right on.

The owner of the converted locomotives, other than having to wait a long time to get them, has been very happy with the operational capabilities of these locomotives. Since the conversion, they are now more robust, have a lower starting speed, and they are speed matched with his SD45's and Dash 9's. It took a while to figure the first one out and come up with a method that I think that most of you can do.

Unlike the GP 7/9 conversion, I would avoid the temptation to add any extra weight to these as the sole support of the motor blocks now rest with the bushings and they will eventually start to wear down and need to be replaced.

At that time I would consider replacing them with Aristo-Craft bushings, which are still in stock at Aristo-Craft. It will take some minor modifications to the bushing holders but can be done.

Special thanks to Mr. Klop Silew for the use of the SD40-2 used to illustrate this article.

Ron

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Public Show March 30 & 31 2007

**- TCA, York Meet**

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**- Big Train Show**

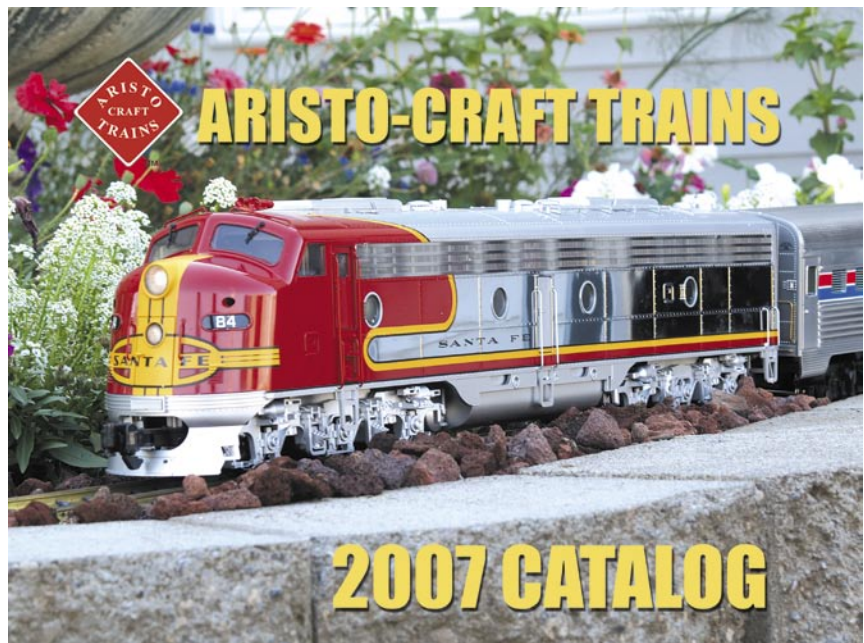
Ontario, CA

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  - The price in which each Aristo-Craft item was purchased at
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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.
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- Locomotive will be equipped with a feedwater heater, each Heavyweight car will have a different roadnumber with a comet name. This train operated between Jersey City and Atlantic City, NJ.

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- 1 RED, WHITE & BLACK "WINGS" RS-3 LOCOMOTIVE
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- 6 100 BNSF TON COAL HOPPERS
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- Some Prime Mover Set may consist of production models with production model road numbers if orders for Prime Mover Set does not warrant special production run with unique road numbers.
- Aristo-Craft will only sell Prime Mover Sets as complete sets and will not sell individual pieces of the set.
- Depending on delivery from factory individual models within a Prime Mover Set may be sent to customer at different times.

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ART-_____	\$ _____	_____	\$ _____
ART-_____	\$ _____	_____	\$ _____
ART-_____	\$ _____	_____	\$ _____
ART-_____	\$ _____	_____	\$ _____
ART-_____	\$ _____	_____	\$ _____
ART-_____	\$ _____	_____	\$ _____
ART-_____	\$ _____	_____	\$ _____
ART-_____	\$ _____	_____	\$ _____
TOTAL			\$ _____

SHIPPING  
\$20.00 PER SETTOTAL #  
OF SETS \_\_\_\_\_ TOTAL  
SHIPPING \$ \_\_\_\_\_

TOTAL PRICE \$ \_\_\_\_\_

NAME \_\_\_\_\_

PH# (\_\_\_\_) \_\_\_\_\_ E-Mail \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY/STATE/ZIP \_\_\_\_\_

CREDIT CARD # \_\_\_\_\_ EXP. \_\_\_\_\_

ARISTO-CRAFT RAILROAD CLUB MEMBERSHIP # \_\_\_\_\_

Send this form and payment to::

Aristo-Craft Trains  
Prime Mover Sets  
698 South 21st Street  
Irvington, NJ 07111





# 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  
Powerhouse Hobby Shop, Kingman, 928-753-1903  
The Squirrel's Nest Sierra Vista, 520-417-1070

## 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, 877-529-2834  
Doll House & Crafts, Novata, 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  
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

L.H. Webb, Frederica, 302-335-5841

## FLORIDA

Alfa Trains, Lakeland, 863-687-9152  
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  
Frank's Trains, Oldsmar, 813-855-1041  
H & R Trains, Pinellas Park, 727-526-4682  
Happy Tunes Music & Hobbies Lutz, 813-948-1419  
John's Hobbies Summerfield 352-347-7201  
Trains by Johnson, Pensacola, 850-478-8584  
Trolley & Train Museum, Orlando, 407-363-9002

## 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

## ILLINOIS (continued)

The Pizza Express, Carterville, 618-985-6262  
RLD Hobbies, Albion, 877-753-4629  
Rail Hobby Trains, Rockford, 815-484-9388  
St. Aubins Nursery, 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

Hobby Haven, Urbandale 515-276-8785  
Kidman Tree Farm, Polk City, 515-984-6946  
MidAmerica Hobbies, North Liberty, 319-665-9655

## KANSAS

Engine House, Wichita, 316-685-6608

## LOUISIANA

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

## MAINE

E. Boothbay Ctr 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, Reisterstown, 410-833-2791  
M.B. Klein, Baltimore, 410-539-6207  
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 Vallley 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

Battlefield Station, Springfield, 417-887-5592  
Garden Railway Supply, Springfield, 417-866-0505  
Mark Twain Hobby Center, St. Charles, 636-946-2816  
Show Me Model RR, Grandview, 816-966-1534

## NEBRASKA

House of Trains, Omaha, 402-934-7245

## NEBRASKA (continued)

The Train Cellar, Lincoln, 402-464-4925

## 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  
Hobbymasters, 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  
Raifan 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  
Davis Trains, Milford, 513-831-6425  
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  
Velk's Flowers, Multiple Locations, 800-952-0284

## OKLAHOMA

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  
Scheffel's Toys, Jacksonvile, 503-899-7421  
Tammies Hobbies, Beaverton, 503-644-4535  
Train Mountain, Chiloquin, 541-783-3030



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## PENNSYLVANIA

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

Allied Hobbies:

Exton, 610-363-6988

Philadelphia, 215-677-1123

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

## TENNESSEE

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., Lorton, 703-550-1779

TSG Hobbies, 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

Bob's Hobby Jct., Eau Claire, 715-832-4445

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

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

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 519-766-7681

## 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

### 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



## ON-HAND LIST AS OF 2/21/07

Item	Description	List			
ART11000	12 STRAIGHT TRACK (12PCS)	44.00	ART21309	DO NOT USE. SEE ART21309RC	184.00
ART11001	EURO TRACK 1/2 STRAIGHT (12)	23.00	ART21309C	SWITCHER ATSF W/CAB	193.00
ART11003	TRACK TIES 1' STRAIGHT EURO	1.25	ART21311C	SWITCHER B&O W/CABOOSE	193.00
ART11003B	TRACK TIES 1' STRAIGHT EURO	58.20	ART21327	SWITCHER D&RGW	193.00
ART11005	FLEX RAIL BRASS 8' (12)	173.00	ART21402B	PACIFIC B&O BLUE	600.00
ART11006	FLEX RAIL 8' BRASS (24)	346.00	ART21405	PACIFIC SR/SO.RAILWAY	600.00
ART11090	REVERSING SYSTEM W/BUMPER	88.00	ART21411	PACIFIC ATSF/SANTA FE	600.00
ART11097	54" STRAIGHT TRACK	198.00	ART21417	PACIFIC C & NW	600.00
ART11098	60" STRAIGHT TRACK (6)	122.00	ART21451	PACIFIC VALLEY FLYER S. STRMLN	650.00
ART11099	60" STRAIGHT TRACK(12PCS)	231.00	ART21511	MIKADO ERIE W/P.T.	575.00
ART11101	EURO TRACK CURVE 1/2	23.00	ART21600	MALLET UNDEC USRA TEN.	945.00
ART11103	EURO TRACK TIES CURVED	1.25	ART21601	MALLET PRR USRA TENDER	945.00
ART11103B	TRACK TIES CURVED - EURO	58.20	ART21602	MALLET ATSF USRA TENDER	945.00
ART11200	SWITCH-MANUAL RIGHT	28.50	ART21604G	MALLET D&RGW USRA GREEN	945.00
ART11205	SWITCH-REMOTE RIGHT	44.00	ART21606	MALLET SOUTHERN USRA TEN.	945.00
ART11210	SWITCH-MANUAL LEFT	28.50	ART21607	MALLET N & W USRA TEN.	945.00
ART11215	SWITCH-REMOTE LEFT	44.00	ART21608	MALLET B & O - VANDERBILT	945.00
ART11300	30 DEGREE CROSSING	35.00	ART21610	MALLET GN - VANDERBILT	945.00
ART11350	RERAILER 12 STRAIGHT	17.50	ART21611	MALLET CB&Q - USRA	945.00
ART11500	CURVE TRACK MED 5' DIAM	61.00	ART21810	VAN.TENDER - 6 WHL. TRK UNDEC.	175.00
ART11550	EURO CURVE TRACK 6.5' BRASS	80.00	ART21850	LONG VAND. TENDER -UNDEC BLK	165.00
ART11600	EURO CURVE TRACK LGE. 8' BRASS	98.00	ART21875	USRA TENDER - UNDEC	165.00
ART11700	CURVE TRACK 9' DIAMETER BRASS	110.00	ART21900	SLOPE.TENDER UNDEC.(BLK)	83.00
ART11801	EURO CURVE 11.5' BRASS	141.00	ART21901	SLOPE TENDER - HERSHEY	90.00
ART11802	EURO CURVE TRACK 12.5' BRASS	152.00	ART21933	SLOPE TENDER TEDDY BEAR	83.00
ART11803	EURO CURVE TRACK 14' BRASS	171.00	ART22230	RS-3 MILW. RD.(ONLINE STORE )	260.00
ART11804	EURO CURVE TRACK 15' BRASS'	183.00	ART22403	SD-45 DIESEL - ATSF/SANTA FE	368.00
ART11805	EURO CURVED TRACK 16.5' BRASS	203.00	ART22404	SD-45 DIESEL - DRGW	368.00
ART11820	EURO CURVE TRACK 20' BRASS	245.00	ART22405	SD-45 DIESEL - UNION PACIFIC	368.00
ART11900	RAIL JOINERS(12PACK)BRASS	4.25	ART22491	SD-45 DIESEL - ATSF WARBONNET	368.00
ART11901	RAIL JOINERS (4PACK) PLASTIC	4.25	ART22501C	LIL'CRITTER PRR W/CAB	120.00
ART11903	RAIL LOCK BRASS (6)	6.30	ART22502C	LIL'CRITTER B&O W/CABOOSE	120.00
ART11904	RAIL LOCK SILVER PLATED (6)	6.30	ART22503C	LIL'CRITTER UP W/CABOOSE	120.00
ART11905	STATIONARY ROLLERS (4 PACK)	60.00	ART22505C	LIL'CRITTER ATSF W/CABOOSE	120.00
ART11906	TRACK GAUGE W/ LEVEL	10.50	ART22506C	LIL'CRITTER DRGW W/CABOOSE	120.00
ART11911	RAIL TO TIE SCREWS (50)	4.25	ART22605C	CEN.CAB IND.SW. ATSF W/CAB	205.00
ART11920	RAIL BENDER	133.50	ART22606C	CEN.CAB IND.SW.D&RGW /WCAB	205.00
ART11930	RAIL CLAMP BRASS (10PCS)	10.50	ART22702	EGG LINER - UNION PACIFIC	83.00
ART11940	RAIL CLAMP (10) SILVER PLTD.	13.00	ART23000	DASH 9 UNDEC.	420.00
ART11950	WIRE W/LUG FOR JOINERS (10)	8.50	ART23001	DASH 9 CSX	420.00
ART12091	EXT TRACK SET W/1 MAN SWITCH	60.00	ART23002	DASH 9 BNSF	440.00
ART12093	EXT TRACK SET W/PR REM.SWITCHS	130.00	ART23005	DASH 9 ATSF	440.00
ART12100	ALUMINUM ST. TRACK 12 (48PC)	136.80	ART23006	DASH 9 NS	420.00
ART12110	ALUMINUM CURVE TRACK 4'(48PCS)	136.80	ART23008	DASH 9 CN	420.00
ART12202	ROADBED - 5' CURVED	46.00	ART23010	DASH 9 -UP FLAG	420.00
ART12203	ROADBED - 8' CURVED	46.00	ART23011	DASH 9 - BNSF WAR BONNET R&S	440.00
ART12204	ROADBED - 10' CURVED'	46.00	ART23012	DASH 9 - BNSF HERITAGE 1	440.00
ART12301B	GRID SHELF 15 X 24 BLACK	9.00	ART23014	DASH 9 - NS NORMAL	420.00
ART12302B	GRID 1/4 ROUND CURVE BLACK	7.50	ART28001RC	0-4-0 FRT STARTER SET R/C PRR	280.00
ART12303B	GRID INSIDE CORNER BLACK	11.50	ART28009RC	0-4-0 FRT STARTER SET R/C SF	280.00
ART12303W	GRID INSIDE CORNER WHITE	10.00	ART28033RC	SET 0-4-0T TEDDY BEAR	280.00
ART12304	WALL BRACKET 15 BLACK	6.60	ART28034RC	0-4-0 FRT STARTER SET HERSHEY	300.00
ART12305	GRID S HOOK FOR DOOR AREA	0.60	ART28101RC	0-4-0 PSGR STARTER SET R/C PRR	325.00
ART12306	GRID SUSPENSION HOOK 10	1.40	ART28105RC	0-4-0 PSGR. ST. SET R/C ATSF	325.00
ART12307	GRID SUSPENSION HOOK 20	1.80	ART28125RC	0-4-0 STARTER SET PSGR RC XMAS	325.00
ART12310	SUSPENSION BAR 16 BLACK	6.60	ART28301RC	LIL'CRITTER SET R/C PRR	280.00
ART12312	GRID BRACKET FOR TOWER 15	6.50	ART28302RC	LIL'CRITTER SET R/C ATSF	280.00
ART12316	CEILING GRID CLIP	1.50	ART28303RC	LIL'CRITTER SET R/C UP	280.00
ART20030	S.S. STR. TRACK 1'(12)	59.00	ART29001	BLUE COMET PRIME MOVER SET	1225.00
ART20031	USA STR. TRACK 1/2 S.S.	30.50	ART29006	BNSF COAL TRAIN PRIME MOVER	844.00
ART20035	STAINLESS STEEL RAIL 8' 12 PC	203.00	ART29099	MODERN FREIGHT TRUCKS W/PL WHL	16.75
ART20037	SS 8FT FLEX RAIL (24PCS)	400.00	ART29100	MODERN FRT TRUCK W/ROLL.	27.00
ART20060	SS STR. TRACK 2'	118.00	ART29102	TRUCK-CABOOSE METAL WHEELS	39.00
ART20090	SS STR. TRACK 3'	177.00	ART29103A	STD.HVY.WHT 3 AXLE W/1 WHL SET	32.00
ART20100	SS CURVE TRACK 4' (	59.00	ART29104	PLASTIC WHEELS (2WHEEL SETS)	7.00
ART20120	SS CURVE TRACK 10'	145.00	ART29105	ROGERS LOCO METAL SML.WHL.SET	12.00
ART20121	SS CURVE TRACK 11.5'	165.00	ART29106A	ROGERS FRONT DRIVE WHEELS	16.50
ART20123	SS CURVE 14' DIAM	203.00	ART29107	TRUCK-PSGR(WOOD)METAL WHEELS	39.00
ART20125	SS CURVE TRACK 20' DIAM	295.00	ART29108	TRUCK-LONG TENDER (PAIR)	39.00
ART20193	SS STR. TRACK 54"	257.00	ART29109	TRUCK-HWT.PSGR.(PAIR)	39.00
ART20195	SS USA STR. TRACK 5' (12)	297.00	ART29110	TRUCK-HWT.PSGR.6 METAL WHEELS	50.00
ART20330	SS #6 SWITCH RIGHT REMOTE	173.00	ART29111B	METAL WHEELS - BLACK 4 AXLES	22.00
ART20335	SS #6 PARALLEL ADAPTOR	25.00	ART29111D	MTL WHLS - BLK 4 AXLE W/O HUB	22.00
ART20340	SS #6 SWITCH REMOTE LEFT	173.00	ART29111S	METAL WHEELS SILVER 4 -AXLE	22.00
ART20350	S.S. RE-RAILER	23.00	ART29112	SPRINGS-FREIGHT TRUCK	4.50
ART20370	SS SWITCH WIDE MANUAL RIGHT US	70.00	ART29113	SPRINGS-PASSENGER TRUCK	4.50
ART20375	SIDING FOR 10' DIAM.SWITCH	14.00	ART29114	SPRINGS-DIESEL TRUCK	4.50
ART20380	SS SWITCH WIDE MANUAL LEFT USA	70.00	ART29118P	DIESEL BUSHING (PREVIOUS)	7.00
ART20400	SS CROSSING 19.5	44.00	ART29119S	SPRINGS STREAMLINE SILVER	5.50
ART20405	SS CROSSING 30 DEGREE	43.00	ART29120	TRUCK-DELTON TO ARISTO (PR)	5.50
ART20410	SS CROSSING 90 DEGREE	35.00	ART29123B	BALL BEARING WHEELS 2 AXLES BL	42.00
ART21001C	ROGERS PRR W/CABOOSE	225.00	ART29130	METAL WHEEL REPLACEMENT	11.00
ART21002C	ROGERS DRGW W/CABOOSE	225.00	ART29131	METAL DIESEL WHEEL W/TIRE	12.00
ART21003C	ROGERS B&O W/CABOOSE	225.00	ART29132	INNER GEAR BOX W/O WHEELS	27.00
ART21004C	ROGERS ATSF W/CABOOSE	225.00	ART29134	COMMONWEALTH 6 AXLE TRUCK PR	66.00
ART21102C	ROGERS GN W.CABOOSE	225.00	ART29198	KNUCKLE COUPLER BULK(100pcs)	331.00
ART21306	DO NOT USE. SEE ART21306RC	194.00	ART29200	COUPLER-KNUCKLE (1 PAIR)	9.00
ART21306C	SWITCHER UP W/CABOOSE	193.00	ART29201	COUPLER RS-3/LIL' CRITTER	11.00
			ART29202	HOOK & LOOP COUPLER SET	4.00

ART29203	HOOK & LOOP COUPLER BULK (12)	40.00	ART31817	STD.HVY.WHT PULLMAN C&NW	230.00
ART29301	SMOKE STACK(OPG)STV/PSG.CAB.	19.00	ART31901	STD.HVY.WHT SET - PRR	920.00
ART29302	SMOKE STACK(OPG)ROGERS LOCO	16.00	ART31908	STD.HVY.WHT. SET- UP	920.00
ART29304	SMOKE STACK(OPG) PSGR.WOOD	16.00	ART31909	STD.HVY.WHT. SET D&RGW	920.00
ART29306	SMOKE UNIT-STEAM LOCO 0-4-0	19.00	ART31911	STD.HVY.WHT. SET ATSF	920.00
ART29307	SMOKE UNIT-STEAM LOCO PACIFIC	19.00	ART40001	GONDOLA 20' - PRR	34.00
ART29309	SMOKE UNIT-LOCO RS-3	19.00	ART40003	GONDOLA 20' - U.P.	34.00
ART29311	SMOKE UNIT SD-45	39.00	ART40012	GONDOLA 20' - HERSHEY SYRUP	37.00
ART29313	SMOKE UNIT PARTS	5.50	ART40025	GONDOLA 20' - CHRISTMAS	34.00
ART29351	POWER TRK GE U25-B/FA/FB/RS	50.00	ART40102	20' TANK CAR - ATSF	34.00
ART29352	UNIVERSAL FOR PACIFIC 6 PACK	16.50	ART40103	20' TANK CAR - UP	34.00
ART29356	MOTOR BLOCK - C.CAB W/A-FRAME	61.00	ART40105	20' TANK CAR - B&O	34.00
ART29357	C-16 GEAR BOX W/WHEELS	80.00	ART40111	20' TANK CAR-D&RGW	34.00
ART29360	MOTOR FOR 0-4-0	15.00	ART40112	20' TANK CAR - HERSHEY	37.00
ART29362	GEAR BOX - MIKADO W/WHLS	110.00	ART40113	20' TANK CAR - HONEY BEE	34.00
ART29363	PACIFIC GEAR BOX W/WHLS	110.00	ART40201	20' FLAT CAR - PRR	34.00
ART29400	GEAR BOX & MOTOR 2-4-2 ROGERS	28.00	ART40202	20' FLAT CAR - ATSF	34.00
ART29403	ASSORTED SCREW SET	5.50	ART40203	20' FLAT CAR - UP	34.00
ART29404	RUBBER TIRES 2-4-2 ROGERS	5.50	ART40205	20' FLAT CAR - B&O	34.00
ART29405	RUBBER TIRES - DIESEL	4.53	ART40211	20' FLAT CAR - D&RGW	34.00
ART29406	BRUSH,SPRING&BUSHING(8)DIESEL	6.50	ART40301	20' BOX CAR - PRR	34.00
ART29411	BALL BEARING SET (10)	26.00	ART40302	20' BOX CAR - ATSF	34.00
ART29500	MARKER LIGHT LONG/BAY-CAB	4.50	ART40303	20' BOX CAR - UP	34.00
ART29501	MARKER LIGHTS 2-4-2 ROGERS	4.50	ART40305	20' BOX CAR - B&O	34.00
ART29502	BULB/LONG CAB./SIERRA(10PC)	11.00	ART40312	20 BOX - HERSHEY-BUBBLE YUM	37.00
ART29507	BULB/HVYWT/STRMLINE(2PC)	4.50	ART40325	20' BOX CAR - CHRISTMAS	34.00
ART29508	RS-3 MARKER LIGHTS (PR)	7.00	ART41008	GONDOLA PRR/PENNSYLVANIA	60.00
ART29512	DITCH LIGHTS (2)	11.00	ART41015	GONDOLA BALTIMORE & OHIO	60.00
ART29514	DASH 9 EXTRA WEIGHTS	0.00	ART41021	GONDOLA HERSHEY KISSES	65.00
ART29515	WEIGHTS FOR THE SD-45	0.00	ART41025	GONDOLA CHRISTMAS	60.00
ART29603	ARISTO-LUBE OIL 1.125 OZ.	4.00	ART41102	COV.GONDOLA NEW YORK CENTRAL	65.00
ART29605	10 AMP FUSE FOR TRAIN ENG.	4.00	ART41103	COV.GONDOLA PITT/LAKE ERIE	65.00
ART29607	MU CABLE	5.50	ART41110	COV.GONDOLA UP	65.00
ART29608	WIRES WITH PLUGS FOR SOUND INS	3.50	ART41112	COV.GONDOLA DENVER RIO GRANDE	65.00
ART29704	NEW ROOF WALK FOR FRT CAR	6.50	ART41205	COV.HOPPER ATSF/SANTA FE	68.00
ART29706	LOWERED FLOOR FOR ROLLING STOK	11.00	ART41208	COV.HOPPER UNION PACIFIC	68.00
ART29708	LONG CABOOSE ROOF WALK/NEW	11.00	ART41210	COV.HOPPER FARM.CO-OP (PINK)	68.00
ART29710	LARGE SNOW PLOW REPLACEMENT	16.50	ART41211	COV.HOPPER RIO GRANDE	68.00
ART29950	TRACK CLEANING PAD	5.50	ART41215	COV.HOPPER PRR/PENNSYLVANIA	68.00
ART30030	USA STR.TRACK 1' (12PCS)	44.00	ART41217	COV.HOPPER RI/ROCK ISLAND	68.00
ART30031	USA TRACK STRAIGHT 1/2	23.50	ART41218	COV.HOPPER BURLINGTON NO.	68.00
ART30033	TRACK TIES 1' STRAIGHT - USA	1.25	ART41222	COV.HOPPER HERSHEY	75.00
ART30033B	TRACK TIES 1' STRAIGHT - USA	58.20	ART41303	S.DOME-TANK MOBIL OIL	65.00
ART30103	TRACK TIES CURVED - USA	1.25	ART41304	S.DOME-TANK UNION OIL	65.00
ART30110	USA CURVE TRACK 5' (12)	61.00	ART41309	S.DOME-TANK ATSF/SANTA FE	65.00
ART30121	USA CURVE 11.5'	141.00	ART41316	S.DOME-TANK USA/US ARMY	65.00
ART30124	USA CURVE TRACK 15' DIAM.	183.00	ART41322	S.DOME-TANK UNION CARBIDE	65.00
ART30125	USA CURVE 20' DIAM	245.00	ART41325	S.DOME-TANK CHRISTMAS	65.00
ART30130	USA CURVE 16.5' DIAM	203.00	ART41329	S.DOME-TANK BLATZ	68.00
ART30193	USA 54" STRAIGHT TRACK	197.00	ART41330	S.DOME-TANK HERSHEY SYRUP	70.00
ART30194	60 STRAIGHT TRACK (6)	122.00	ART41402P	COAL HOPPER-N&W	77.00
ART30195	USA STR. TRACK 5' (12)	231.00	ART41403P	COAL HOPPER PRR	77.00
ART30300	USA SWITCH MANUAL RIGHT	28.50	ART41404P	COAL HOPPER - D&RGW	77.00
ART30310	USA SWITCH REMOTE RIGHT	44.00	ART41405P	COAL HOPPER SP	77.00
ART30335	#6 PARALLEL ADAPTOR	20.00	ART41423P	COAL HOPPER - READING	77.00
ART30350	USA SWITCH MANUAL LEFT	28.50	ART41425P	COAL HOPPER - D&H	77.00
ART30360	USA SWITCH REMOTE LEFT	44.00	ART41601	3 DOME-TANK PRR 100TH ANNIV.	68.00
ART30370	SWITCH WIDE MANUAL RIGHT	59.00	ART41607	3 DOME-TANK ESSO	65.00
ART30375	SIDING FOR 10' DIAM. SWITCH	8.00	ART41608	3 DOME-TANK MOBIL	65.00
ART30380	SWITCH WIDE MANUAL LEFT	59.00	ART41609	3 DOME-TANK UNION-76	65.00
ART30400	CROSSING 19.5	35.00	ART41611	3 DOME-TANK MARVEL OIL	65.00
ART30410	CROSSING 90 DEGREE	33.00	ART41612	3 DOME-TANK SHELL OIL	65.00
ART30500	EXTENDER TRACK SET #1 ISA	50.00	ART41617	3 DOME-TANK PITTS.PLATE GLASS	65.00
ART30550	EXTENDER TRACK SET #2 USA	100.00	ART41618	3 DOME-TANK CSX	65.00
ART30560	EXTENDER TRACK SET #3 USA	130.00	ART41620	3 DOME-TANK USA/US ARMY	65.00
ART31001-3	SIERRA SET - PRR	315.00	ART42101	CABOOSE LONG GREAT NOTHERN	105.00
ART31002-3	SIERRA SET - B&O	315.00	ART42102	CABOOSE LONG CB&O/BURLINGTON	105.00
ART31004	SIERRA COACH DRGW/YELLOW	105.00	ART42103	CABOOSE LONG RIO GRANDE	105.00
ART31004-3	SIERRA SET - D&RGW	315.00	ART42104	CABOOSE LONG PRR/PENNSYLVANIA	105.00
ART31005	SIERRA COACH ATSF/SANTA FE	105.00	ART42106	CABOOSE LONG SANTA FE	105.00
ART31005-3	SIERRA SET - ATSF	315.00	ART42107	CABOOSE LONG SP/SO. PACIFIC	105.00
ART31025-3	SIERRA SET - CHRISTMAS	315.00	ART42108	CABOOSE LONG SR/SO. RAILWAY	105.00
ART31301	STD.HVY.WHT.COACH PRR/PENN.	230.00	ART42109	CABOOSE LONG B&O/BALTI & OHIO	105.00
ART31307	STD.HVY.WHT.COACH NYC/NY CEN	230.00	ART42113	CABOOSE LONG UP/UNION PACIFIC	105.00
ART31310	STD.HVY.WHT.COACH SO.PAC.DAY	230.00	ART42114	CABOOSE LONG NYC/NY CENTRAL	105.00
ART31311	STD.HVY.WHT.COACH ATSF	230.00	ART42115	CABOOSE LONG CANADIAN PACIFIC	100.00
ART31317	STD.HVY.WHT COACH - C&NW	230.00	ART42120	CABOOSE LONG RI/ROCK ISLAND	105.00
ART31651	STD.HVY.WHT BAGGAGE PRR	230.00	ART42123	CABOOSE LONG RDG/READING	105.00
ART31652	STD.HVY.WHT BAGGAGE B&O	230.00	ART42125	CABOOSE LONG CHRISTMAS	105.00
ART31655	STD.HVY.WHT BAGGAGE SO.RWY	230.00	ART42126	CABOOSE LONG WM/WESTERN MD	105.00
ART31657	STD.HVY.WHT BAGGAGE NYC	230.00	ART42129	CABOOSE LONG CSX	105.00
ART31658	STD.HVY.WHT BAGGAGE UP	230.00	ART42131	CABOOSE LONG ACL	105.00
ART31659	STD.HVY.WHT BAGGAGE D&RGW	230.00	ART42133	CABOOSE LONG B & M	105.00
ART31660	STD.HVY.WHT BAGGAGE SP DAYLT.	230.00	ART42134	CABOOSE LONG CONRAIL	100.00
ART31661	STD.HVY.WHT BAGGAGE ATSF	230.00	ART42136	CABOOSE LONG N&W	105.00
ART31711	STD.HVY.WHT.COMBINE ATSF	210.00	ART42137	CABOOSE LONG - ERIE	105.00
ART31732	STD.HVY.WHT.COMBINE NAPA	210.00	ART42138C	CABOOSE LONG SOO LINE	60.00
ART31801	STD.HVY.WHT.PULLMAN PRR	230.00	ART42177	CABOOSE LONG ERIE LACKAWANA	105.00
ART31802	STD.HVY.WHT.PULLMAN B&O	230.00	ART42178	CABOOSE LONG SEABOARD SYSTEM	105.00
ART31805	STD.HVY.WHT.PULLMAN SO.CRESC.	230.00	ART42201	BOBBER CABOOSE PRR/PENNA	34.00
ART31809	STD.HVY.WHT.PULLMAN RIO GRNDE	230.00	ART42208	BOBBER CABOOSE UP/UNION PAC	34.00
ART31810	STD.HVY.WHT.PULLMAN SP	230.00	ART42209	BOBBER CABOOSE B&O/BALTI.& OH	34.00
ART31811	STD.HVY.WHT.PULLMAN ATSF	230.00	ART42210	BOBBER CABOOSE DRGW/RIO GRAND	34.00



ART42211	BOBBER CABOOSE ATSF/SANTA FE	34.00	ART50095P	53' EVANS BOX CAR WILAMETTE	72.00
ART42225	BOBBER CABOOSE CHRISTMAS	34.00	ART50096P	53' EVANS BOX CAR MTL	72.00
ART42231	BOBBER CABOOSE HERSHEY	37.00	ART60001	SEATED TRAIN ENGINEER	7.00
ART46001	BOX CAR(STEEL)RUT/RUTLAND	68.00	ART60002	TRAIN CONDUCTOR	7.00
ART46003	BOX CAR(STEEL)ATSF/SANTA FE	68.00	ART60003	TRAIN BRAKEMAN	7.00
ART46004	BOX CAR(STEEL)PRR/PENNA.	68.00	ART60004	MAN IN SUIT	7.00
ART46008	BOX CAR(STEEL)B&O/SENTINEL	68.00	ART60005	WOMAN WITH HAT	7.00
ART46010	BOX CAR(STEEL)UP/UNION PAC.	68.00	ART60006	MAN WITH SATCHEL	7.00
ART46014	BOX CAR(STEEL)NEW YORK CENTRL	68.00	ART60007	MAN IN SHIRT	7.00
ART46015	BOX CAR(STEEL)MILW/MILWAUKEE	68.00	ART60008	PORTER IN WHITE JACKET	7.00
ART46018	BOX CAR(STEEL)EL/ERIE-LACK.	68.00	ART60009	DINING CAR WAITER	7.00
ART46020	BOX CAR(STEEL)B&M/BOSTON&MAIN	68.00	ART60010	SOLDIER W/DUFFLE BAG	9.00
ART46029	BOX CAR(STEEL)NYS&W/ SUSIE-Q	68.00	ART60011	WOMAN CONDUCTOR	7.00
ART46045	BOX CAR(STEEL)BESS. & LAKE ERIE	68.00	ART60012	SEATED PASSENGER MALE W/STICK	9.00
ART46046C	BOX CAR(STEEL) D&H "CLUB CAR"	68.00	ART60013	SEATED PASSENGER FEMALE	7.00
ART46057	BOX CAR(STEEL)CANADIAN NATION	68.00	ART60014	SEATED PASSENGER CHILD/MALE	7.00
ART46059	BOX CAR(STEEL)SP BOX CAR RED	68.00	ART60015	STATION MASTER	7.00
ART46060	BOX CAR(STEEL)C&NW	68.00	ART60016	TRAIN FIREMAN	7.00
ART46062	BOX CAR(STEEL)D&RGW BROWN	68.00	ART60017	SHEPHERD W/CAPE AND DOG	9.00
ART46065	BOX CAR(STEEL)HERSHEY	73.00	ART60018	CONDUCTOR WITH LANTERN	7.00
ART46066	BOX CAR(STEEL)ERIE	68.00	ART60019	SEATED MAN W/CIGAR	7.00
ART46068	BOX CAR(STEEL)C & O	68.00	ART60020	SEATED CHILD/GIRL	7.00
ART46069	BOX CAR(STEEL)SOO LINE	68.00	ART60025	SEATED SANTA ENGINEER	7.00
ART46072	BOX CAR(STEEL)CNJ	68.00	ART60026	STANDING SANTA	7.00
ART46073	BOX CAR(STEEL)W.MARYLAND	68.00	ART60027	HOBOW/POLE AND BAG	9.00
ART46074	BOX CAR(STEEL) NP	68.00	ART60028	HOBOW SEATED ON TREE STUMP	9.00
ART46075	BOX CAR(STEEL)L&N	68.00	ART60029	HOBOW - FAT KING OF THE ROAD	9.00
ART46102	STOCK CAR CNW/CHICAGO	68.00	ART60030	USA FIREMAN	7.00
ART46103	STOCK CAR UP/UNION PACIFIC	68.00	ART60031	POLICEMAN	7.00
ART46111	STOCK CAR M-K-T/KATY	68.00	ART60032	STATE TROOPER	7.00
ART46112	STOCK CAR IC/ILLINOIS CENTRAL	68.00	ART60034	TEXAS RANGER	7.00
ART46113	STOCK CAR SP/SOUTHERN PACIFIC	68.00	ART60035	FARMER IN COVERALLS	7.00
ART46115	STOCK CAR WP/WESTERN PACIFIC	68.00	ART60036	LUMBERJACK	7.00
ART46116	STOCK CAR DL&W/LACKAWANNA	68.00	ART60037	WEST POINT CADET-MALE	7.00
ART46118	STOCK CAR NYC/NY CENTRAL	68.00	ART60039	US ARMY MARINE - MALE	7.00
ART46119	STOCK CAR TP/TEXAS & PACIFIC	68.00	ART60040	US ARMY SOLDIER-FEMALE	7.00
ART46202	REEFER SCHLITZ BEER	68.00	ART60041	US NAVY SAILOR-MALE	7.00
ART46206	REEFER BLATZ BEER	68.00	ART60042	WOMAN WITH BABY	7.00
ART46207	REEFER PLUTO WATER	68.00	ART60043	BRIDE	7.00
ART46210	REEFER RED ROSE ICE CREAM	68.00	ART60044	GROOM	7.00
ART46211	REEFER STEWART'S ROOT BEER	68.00	ART60045	CLOWN #1	7.00
ART46213	REEFER BALLANTINE BEER	68.00	ART60046	CLOWN #2	7.00
ART46215	REEFER A&P FOODS	68.00	ART60047	CLOWN #3	9.00
ART46216	REEFER CANADIAN PACIFIC SILVER	68.00	ART60048	CLOWN #4	9.00
ART46218	REEFER ROBIN HOOD BEER	68.00	ART60049	CLOWN #5	9.00
ART46220	REEFER REA/RAILWAY EXPRESS	68.00	ART60050	ICE SKATER-MALE	9.00
ART46222	REEFER NYC/20TH CENTURY BEER	68.00	ART60051	ICE SKATER-FEMALE	9.00
ART46227	REEFER SWIFT MEAT (RED)	68.00	ART60052	ICE SKATER MAN W/SCARF	9.00
ART46228	REEFER SANTA FE MAP	68.00	ART60054	ICE SKATER-FEMALE W/SCARF	9.00
ART46231	REEFER - HERSHEY YORK PATTIES	73.00	ART60055	ICE SKATER-MALE RACER	9.00
ART46233	REEFER - HERSHEY MILK DUDS	73.00	ART60056	HOBOW CATCHING GOOSE	7.00
ART46246S	REEFER I.C.(ONLINE STORE ONLY)	45.00	ART60057	HOBOW FAT QUEEN OF THE ROAD	9.00
ART46277	REEFER CANADIAN NATIONAL	68.00	ART60058	HOBOW W/POLE RECLINING	7.00
ART46305T	FLAT CAR-STAKE PRR (2)	85.00	ART60059	U.S. AIRFORCE OFFICER W/BAG	9.00
ART46308T	FLAT CAR-STAKE B&O (2)	85.00	ART60060	MALE SPORTSMAN W/GOLF CLUBS	9.00
ART46311T	FLAT CAR-STAKE NYC (2)	85.00	ART60061	MALE SPORTSMAN W/TENNIS	7.00
ART46312T	FLAT CAR-STAKE SP (2)	85.00	ART60062	FEMALE W/TENNIS DRESS	7.00
ART46320T	FLAT CAR-STAKE ATSF (2)	85.00	ART60063	FEMALE W/BABY	9.00
ART46403T	BULK.FLAT SP (2)	88.00	ART60064	SEATED MALE READING	7.00
ART46406T	BULK.FLAT PRR (2)	88.00	ART60065	SEATED MALE ASLEEP	7.00
ART46409T	BULK.FLAT CHSY (2)	88.00	ART60066	SEATED FEMALE SEWING	7.00
ART46415T	BULK.FLAT - UP (2)	88.00	ART60067	SEATED FEMALE W/BABY	9.00
ART46701	SNOW PLOW - D&RGW	128.00	ART60068	TRACK WORKER W/PICK	9.00
ART46706	SNOW PLOW - PRR	128.00	ART60069	TRACK WORKER W/SLEDGE HAMMER	9.00
ART46708	SNOW PLOW - ATSF	128.00	ART60070	WORKER W/WHEEL BARREL	9.00
ART46709	SNOW PLOW - CN	135.00	ART60071	PHOTOGRAPHER W/CAMERA	9.00
ART46710	SNOW PLOW - UP	128.00	ART60073	COWBOY W/SADDLE	9.00
ART46800	ROAD RAILER UNDEC.	100.00	ART60075	MAN FISHING	9.00
ART46801	ROAD RAILER TRIPLE CROWN	100.00	ART60076	WORKMAN W/ JACK HAMMER	9.00
ART46801-3	ROAD RAILER-TRIPLE CROWN SET	282.00	ART60077	WORKMAN FOR COMPRESSOR	9.00
ART46802	ROAD RAILER CN	100.00	ART60077B	COMPRESSOR	9.00
ART46802-3	ROADRAILER-CN-SET	282.00	ART60078	MAN SHOVELING	7.00
ART46803	ROAD RAILER CLIPPER	100.00	ART60079	MAN SWEEPING	7.00
ART46803-3	ROADRAILER-CLIPPER SET	282.00	ART60080	WOMAN WORKER W/WRENCH	7.00
ART46804	ROAD RAILER BNSF	100.00	ART60081	WOMAN WORKER W/SHOVEL	7.00
ART46804-3	ROADRAILER-BNSF-SET	282.00	ART60082	FIGURE - SEATED - SELMA	7.00
ART46805	ROAD RAILER ATSF	100.00	ART60083	FIGURE - SEATED - STUDENT	7.00
ART46805-3	ROADRAILER-ATSF-SET	282.00	ART60084	FIGURE - SEATED EATING	7.00
ART46806	ROAD RAILER SWIFT TRUCKING	100.00	ART60085	FIGURE - SEATED - YOUNG WOMAN	7.00
ART46806-3	ROADRAILER-SWIFT-3	282.00	ART60086	FIGURE - SEATED CHILD W/RR	7.00
ART46890	COUPLER-MATE FOR ROADRLR	20.00	ART60087	FIGURE - SEATED - MAN IN SUIT	7.00
ART46950	TRACK CLEANING CAR - ARISTO	63.00	ART60088	FIGURE - SEATED W/BINOCULARS	7.00
ART46954	TRACK CLEANING CAR - ATSF	63.00	ART60089	FIGURE - SEATED - LINDA	7.00
ART50001P	53' EVANS BOX CAR PURINA	72.00	ART60090	FIGURE - SEATED - SHIRLEY	7.00
ART50003P	53' EVANS BOX CARS CSX	72.00	ART60091	FIGURE - SEATED - TERRY	7.00
ART50004P	53' EVANS BOX CAR NORFOLK SO.	72.00	ART60092	FIGURE-SEATED-MARYANN W/HAT	7.00
ART50005P	53' EVANS BOX CAR B & M	72.00	ART60093	FIGURES- SEATED - MOTHER & CHIL	9.00
ART50009P	53' EVANS BOX CAR CONRAIL	72.00	ART60094	FIGURE - SEATED - KATHRYN	7.00
ART50013P	53' EVANS BOX CAR - FEC	72.00	ART60102	8 PINE TREE	6.00
ART50014P	53' EVANS BOX CAR - WP	72.00	ART60103	12 PINE TREE	7.00
ART50015P	53' EVANS BOX CAR - RAILBOX	72.00	ART60197	TURNTABLE FOR FIGURES	40.00
ART50016P	53' EVANS BOX CAR PAN AM	72.00	ART60300	TEDDY BEAR 2 JOINTED	6.50
ART50094P	53' EVANS BOX CAR BOISE CAS.	72.00	ART60301	TEDDY BEAR JOINTED 8"	6.50

ART60302	TEDDY BEAR ENGINEER 2	6.50	CRE55400	POWER PACK 1.8 AMP W/CHIP	55.50
ART60303	TEDDY BEAR CONDUCTOR 2	6.50	CRE55401	CONTROLLER	66.00
ART60405	SCRAP LOAD FOR GONDOLA	17.00	CRE55402	POWER PACK FOR 220 V	72.00
ART60407	COAL LOAD 100 TON HOPPER	22.00	CRE55452	TRACK TO PACK CONNECTOR HEAVY	5.25
ART62002	STANDING PASSENGERS SET	36.00	CRE55453	TRACK TO PACK CONNECTOR 75'	4.25
ART62004	SEATED PASSENGER #2 SET	32.00	CRE55465	ELITE DUAL VOLATAGE POWER SUPP	170.00
ART62005	MILITARY TRAVELERS SET	36.00	CRE55468	EVEREST POWER SUPPLY 15A 24V	200.00
ART62006	CLOWN SET	36.00	CRE55474	DC/RC WIRELESS ACCESS SWITCH	61.00
ART62008	ICE SKATERS SET	39.00	CRE55475	DC/RC 5 SWITCH RX	66.00
ART62009	SPORTING PEOPLE SET	32.00	CRE55491	ON BOARD TRAIN ENG. 75	144.00
ART62010	PUBLIC SAFETY UNIFORMED SET	32.00	CRE55493	GEL CELL BATTERY 6V 3.2 AMP x3	44.00
ART62011	CONSTRUCTION WORKERS SET	32.00	CRE55494	CHARGER FOR GEL CELLS	77.00
ART62012	CONSTRUCTION WORKERS #2	32.00	CRE55495	ADD ON ACCESS. BOARD FOR 5491	50.00
ART64001	HOUSE ACCESS. SET	18.00	CRE55499	FAN FOR 55471 ABOVE 5 AMPS	17.00
ART64002	PASSENGER STATION ACCESS.	22.00	CRE55601	AUTO CUTOFF FOR GELL BATTERY	13.00
ART64003	FRT. STATION ACCESSORIES	18.00	CRE55602	WIRE HARNESS FOR BATTERY SET	8.50
ART64004	INDUSTRIAL ACCESSORY SET	40.00	CRE55610	LI-ON BATTERY 2AMP 21.5V	72.00
ART66002	FLOCKED BABY ELEPHANT	2.98	CRE55611	Y PLUG FOR BATTERY PARALLEL	5.50
ART66006	FLOCKED BEAR	2.98	CRE55620	CHARGER FOR LI-ON BATTERIES	26.00
ART66007	FLOCKED LIONESS	2.98	CRE55621	ADAPTOR PLUG FOR LI-ON BAT CHG	2.50
ART66008	FLOCKED GORILLA	2.98	CRE55622	PLUG ADAPTOR FOR 55620 for Eur	2.00
ART66009	FLOCKED WHITE TIGER	2.98	CRE56802	ON BOARD VIDEO CAMERA	100.00
ART66010	FLOCKED TIGER	2.98	CREFA130	CERMAG MOTORS	2.50
ART66011	FLOCKED LION	2.98	CRERE260	CERMAG MOTOR	3.00
ART66012	FLOCKED ELEPHANT	3.98	CRERE280	CERMAG MOTOR	3.00
ART66013	FLOCKED ZEBRA	2.98	CRERS540	CERMAG MOTOR	15.00
ART66014	FLOCKED GIRAFFE	2.98	CRERS550	CERMAG MOTOR	19.00
ART70002	BUMPER STICKER - ARISTO-CRAFT	2.00			
ART70007	VIDEO - MAGIC OF VISTA PINES	26.00			
ART70009	ARISTO BLINKING PIN	3.15			
ART70010	MOUSE PAD - ARISTO	3.00			
ART7100	VICTORIAN TRAIN STATION	110.00			
ART7102	TRUSS BRIDGE 40 WOOD	127.00			
ART7104	OVER & UNDER TRESTLE SET	34.00			
ART7105	COVERED WAITING PLATFORM	46.00			
ART7106	12 PC.TRESTLE SET 8 1/2	27.00			
ART7114	TRANSMISSION TOWERS (PAIR)	35.00			
ART7200	THE PASSENGER DEPOT - BUILT-UP	61.00			
ART7201	THE FREIGHT DEPOT - BUILT-UP	61.00			
ART7203A	FARM HOUSE / WHITE w.GRN TRIM	78.00			
ART7203B	FARMHOUSE / TAN w.WHITE TRIM	78.00			
ART7203C	FARM HOUSE - BLUE W/WHITE	78.00			
ART7204	SIGNAL TOWER BUILT UP	166.00			
ART7209	CEMETARY SET #2	28.00			
ART7210A	TRACT HOUSE BUILT UP WHITE	142.00			
ART7212	SAND TOWER	142.00			
ART7214	GINGERBREAD HOUSE B.U.TAN	142.00			
ART7401	FOAM PORTAL	17.00			
ART7402	DOUBLE PORTAL	34.00			
ART7403	WINGS FOR FOAM PORTALS	66.00			
ART7404	FOAM VIADUCT	56.00			
ART7405	FOAM VIADUCT PIERS (2)	34.00			
ART80199	C-16 GEAR BOX/WHEELS	80.00			
ART81001	CLASSIC GONDOLA DRGW/RIO GRND	40.00			
ART81002	CLASSIC GONDOLA COLO.& SO.	40.00			
ART81401	CLASSIC COAL HOPPER RIO GRAND	50.00			
ART81402	CLASSIC COAL HOPPER COLO.& SO	50.00			
ART82102	CLASSIC LNG.CABOOSE CO.& SO	95.00			
ART82114	CLASSIC LONG CABOOSE D&RGW RED	95.00			
ART84001	BRASS RAIL CAR	274.00			
ART84003	BRASS RAIL BUS	319.00			
ART84004	BRASS PENNSY CABOOSE	350.00			
ART84198	CD VIDEO OF LIVE STEAM	5.00			
ART84199	STEAM OIL 1 QT.	10.00			
ART86001	CLASSIC BOXCAR(WOOD)RIO GRNDE	50.00			
ART86002	CLASSIC BOXCAR(WOOD)CO.& SO	50.00			
ART86201	CLASSIC REEFER(WOOD)RIO GRNDE	55.00			
ART86202	CLASSIC REEFER(WOOD)CO.& SO.	55.00			
ART86401	CLASSIC FLTCARw/REEL RIO GRND	50.00			
ART86402	CLASSIC FLTCARw/REEL CO.& SO	50.00			
ART86500	LOG CAR	70.00			
ART89101	FREIGHT TRUCK(PR.)W/O COUPLER	22.00			
ART89102	TOOL SET W/6 PIECES	9.00			
ART89103	CABOOSE TRUCK W/METAL WHEELS	39.00			
ART9000	PARTS BOOK-EXPLODED VIEW	6.00			
ART92007	2007 COLOR CATALOG	7.00			
CRE0001	GRAIN OF WHEAT 12V CLEAR	40.00			
CRE0002	GRAIN OF WHEAT 12V RED	40.00			
CRE0004	GRAIN OF WHEAT 12 V AMBER	40.00			
CRE00072	MICRO SWITCH	1.25			
CRE00073	MICRO SWITCH W/LEVER 10PCS	10.00			
CRE0010	GRAIN OF RICE BULBS CLEAR (40	40.00			
CRE0011	GRAIN OF RICE 10EA. CRGA (40)	40.00			
CRE29433	8.4V NIMH BATTERY 200MA	8.00			
CRE29601	CREST- SMOKE FLUID 4 OZ.	3.50			
CRE29602	CONDUCTIVE GREASE 2 OZ.	6.00			
CRE29603	CREST - LUBE - OIL 1.125 OZ.	4.00			
CRE29606	CONDUCTIVE GREASE 4 OZ.	11.00			
CRE55000	TRAIN ENGINEER SET DCC-RC	250.00			
CRE55001	TRAIN ENGINEER RECEIVER	50.00			
CRE55002	H.O. TRAIN ENG RX 6 PACK	200.00			
CRE55003	H.O. TRAIN ENGINEER TX	200.00			
CRE55004	RECEIVER 2 PACK	90.00			

### Please Note

The In-Stock List lists products listed as on-hand in the computerized inventory database on the date listed with the In-Stock List and is only accurate for that date. The In-Stock List includes all products including but not limited to product for sale, factory samples, show samples, and product held for customers. We can not guarantee all product listed as in-stock is available for sale or distribution.

For periodically updated lists and new item information please visit the Aristo-Craft webpage [www.aristocraft.com](http://www.aristocraft.com).

### NEW ARRIVALS AS OF 3-1-07

ART7203C	FARM HOUSE B.U. BLUE	82.00
ART7203D	FARM HOUSE B.U. YELLOW	82.00
ART30380	SWITCH WIDE MANUAL RIGHT	62.00
ART20194	US STRAIGHT 5' (6)	163.00
ART20120	SS CURVED TRACK 10'	152.00
ART7101	COVERED BRIDGE B.U.	53.00
ART55473	TRAIN ENGINEER 27 TX	96.00