



# Atlantic Division Express



FALL 2004

## President's Message

I have just returned from the Annual Convention. The Fort Pitt Division did an outstanding job of putting on a first class convention. One of the outstanding features was an exhibit of very rare toy trains. The exhibit included original Lionel layouts and other items from some obscure manufacturers. Unfortunately we were not allowed to photograph any of the trains. This was truly a shame since I am sure many of our members who could not attend would have enjoyed seeing some of these pieces.



Another outstanding feature was the amount of time and effort that went into the activities of the Kids Club. There was a very large modular layout that was only 20" high so that it could be



enjoyed by all of the kids. In addition they had an interesting Train Race that involved some tricky curves. But one of the best activities was a clinic in which the kids built a car from a Heintz Ketchup bottle and one in which they constructed a diorama from



insulating foam, sculpted it and decorated it with grass, trees and a running water stream. These activities required a lot of ingenuity and hard work on the part of the organizing committee.



The Tours and Home layout exhibits were fantastic and well organized. I was told that 90 busses were used during the convention. The final banquet was a fun filled event. The table decorations and favors were outstanding and the food was excellent. Everyone seemed to have a good time. If you have never been to a National Convention, plan on heading for Seattle in 2005. You will enjoy it! More pictures at the bottom of page 6.

## **The NTTM Express**

By

John V. Luppino  
Operations Manager  
Train Collectors Association

The Education and Museum Committee has been working very hard at keeping your Operations Manager off balance by changing exhibits frequently. After the end of every Committee work weekend there are new things to see all over the Museum. A 1937 Hudson is one of the latest additions in the TCA Reserve in the Lavinus Gallery.

The addition of Paul Edgar as a train repair and layout maintenance person has made the Museum layout operation much more reliable than in the past. Having everything running is a huge plus with visitors, especially the younger set. The pushbuttons received a real workout during the June Thomas the Tank Engine week.

Lancaster County is in full bloom and this is a banner year for the surrounding farmers. Tourism is light so far this season making this an excellent time to see the County and your Museum at their best.

If you cannot make it sooner then plan on being here for the October Open House the day before the York Meet. The Museum will celebrate TCA's 50<sup>th</sup> Anniversary with a special effort from all concerned and perhaps a surprise or two.

### **For Sale**

We received the following letter from Norman H. Davis TCA # 75-8500.

I am looking for someone to buy my train collection. I started collecting January 25, 1988 and some boxes have never been opened. I have three train stations and over 18 train cases for display. They are worth \$260,000.

I have three platforms, one on top of the other with 11 trains running. I have "0" and "0-27" all mint, all brand new Lionel, K-Line Williams and MTH. I bought all of my trains brand new. I ran about 15 of all of my trains, that is why they are all mint. I am 80 years old. *Eds note Mr. Davis can be contacted thru the editorial office.*

## **Atlantic Division Train Meet**

Our January and March Train Meets have been very enjoyable. Plenty of Good Trains, Operating Train Displays and Socializing. Thanks to all that attended.

### **September Meet**

The Atlantic Division is offering **Free Admission** to all member of the Atlantic Division who have paid their dues for 2004 and have a current 2004 membership card. Show us your card at the registration desk and you and your family will be admitted for **Free**. This offer is for the September 19, 2004 meet **Only**.

Once again, our September Meet will feature at 8:00 AM the Atlantic Division Annual Business Meeting. The meeting should last about 20 minutes. Also the Atlantic Division will run our annual Train Races for the Kids, Both Drag Race and Hill Climb. Bring your favorite engine to run (or use one of ours). There will be plenty of prizes. For the 1<sup>st</sup> time the Atlantic Division will be giving Door Prizes to the Kids as well as the Members.

Also on display will be an exhibit from the Standards Committee and Bob Robinson. The exhibit shows examples of Grading Standards for various train items from Poor to Mint. Test your Grading Skills by filling out a card to what you consider each example to be.

Our Tables have been selling out fast. For those wanting to reserve tables it is recommended that you get yours in early. We have had to turn some away. You can reserve a table by contacting Alan Craig at 856 -784 -0038.

We are always looking for members that would like to help us as members of the Train Meet Hall Committee. If interested, call Bob at 856-608-9265. Once again, thanks to all who attend and a special thanks to the members of the Train Meet Committee who put in many hours to provide a quality meet.

Joe Fisher  
Dick Heineman  
Bob Huppman  
Malcom Kates  
Ed Kapuscinski  
George Sottung

Garry Spear  
Bill Wilson  
Chester Zmijewski

Alan Craig (Registration Chairman)  
Bob Lubonski (Meet Chairman)



### **ANNUAL RAFFLE**

Don't forget to get your tickets for the annual raffle. This beautiful Lionel Pennsylvania M1 will be raffled off at the November Meet. Tickets will be on sale at the September Meet. You can also obtain them thru Garry Spear.

## Unusual Pieces of Lionel Memorabilia ???

By Charlie Weber

Last year I bought a 1948 Lionel train set #1429S from the original owner. It is just a 2026 freight set and nothing to get excited about. However, the owner had kept everything that came in the box. In the pile of stuff was the little cardstock piece shown here. It is the size of a business card and is printed in red ink. I don't recall running into this before so I thought I would bring it to your attention.

Notice that it is a warning to use SP pellets in the smoke unit. I got to

### **IMPORTANT**

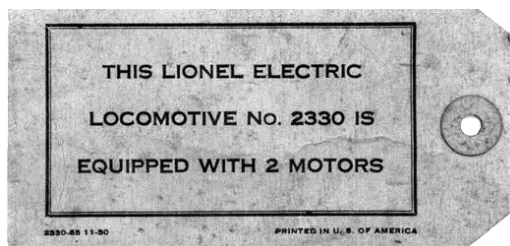
**USE ONLY SP SMOKE PELLETS  
IN THIS LOCOMOTIVE.  
DO NOT USE ANY OTHER SMOKE  
PELLETS OR MATERIAL.**

**THE LIONEL CORPORATION - NEW YORK 10, N. Y.**

thinking about this and thought that it was silly as Flyer used fluid in their units and no one else was making smoke pellets that I

know of. So, I took a look in Alan Stewart's book on Lionel Accessories. (Greenberg's Guides, Lionel Trains, 1945-1969, Volume VI: Accessories, Alan Stewart, Kalmbach Publishing Co., 2001) Alan points out that in 1946 the #196 pellets were made for the light bulb type smoke units and that these pellets will attack the nichrome wire in the conventional units! I didn't know that and, from a chemist's viewpoint am surprised to hear this. In any event, I guess that this card was supplied so that purchasers of locos with the newer type units would not ruin them by using the older type pellets.

The phrase in the last line "Do not use any other smoke pellets or material" brings to mind an amusing story that the venerable Bill Vogel told me years ago. Now for you "youngsters" to train collecting, Bill ran a train shop in Garfield, NJ during Lionel's prime years when Lionel trains sold like hot cakes. Shop owners were "harassed, so to speak, from Thanksgiving until Christmas day and put in long hours both selling and servicing toy trains. It is Christmas Eve, the store is closed and Bill had fallen asleep....finally there is rest for the weary. The telephone ring wakes him up and there is a physician on the other end of the line who had purchased a steam set for his boy earlier in the day and has just set it up under the tree. "The engine won't smoke. What do I do? Bill, in half stupor and not in the mood to worry about it then, replies in a sarcastic way, "It is sick. Put a teaspoon of cough syrup down the smokestack!" and slams down the phone. He did. Bill had an interesting repair to do the next day after Christmas.



The following is a scarce and unusual piece of Lionel Paper. Pictured here is a tag that came with Lionel's 2330 GG-1 locomotive in 1950. It is printed on green cardboard (not pa-

per!) and has red lettering. Note that there is a reinforced hole at one end so that one could put a piece of string through it if one wanted. Since the 2330 is the first of Lionel's GG-1 locomotives to have two

to point out this fact. I guess that this information was provided in tag format so that a dealer could attach the tag to a locomotive used for display.

## Letters to the Editor

When I resided in Pennsylvania, back in the 70 - 90 era, one of my favorite meets was held at Westover Country Clu in Norristown. While looking thru some boxes I found these plaques that used to be handed out to attendee. I hope that you can find some use for them.

Sincerely yours, Frank Stefanick 75-7435

The following plaques were submitted: 1/18/76, 7/18/76, 7/17/77, 11/20/77, 5/7/78, 11/19/78, 7/15/79, 11/18/79, 1/20/80, 1/17/82, 5/30/82, 11/21/82, 5/29/83, 11/20/83

Any member interested in any of these plaques should contact our Secretary, Charlie Weber.

## The Beginning of 'S' Gauge

Almost everyone who knows about scale or toy trains knows that American Flyer was the major supplier of what we now call 'S' gauge trains, 3/16" = 1 ft. scale, from 1945 until they went out of business in the middle sixties. Most collectors also know that Flyer' made 3/16" 'O' gauge trains just before WW II. But the other suppliers of 'S' gauge equipment remain relatively obscure. One of these is "C-D", otherwise known as "Cleveland Model & Supply Co."

If you read the literature of the 1930's you will see that 'O' was the most predominant gauge for modelers. The "scale" (as opposed to tinsplate) crowd was even arguing as to whether to use 1/4" = 1 ft., in which a 1.25" track gauge is too wide, or 17/64" = 1 ft scale, which is a better track gauge match but is more of a pain in the rear in which to model. In 1935 HO gauge was in its infancy and there were just a few people using it. For the technology of the day HO was just too darn small. In particular, motors that would fit into smaller HO engines were just not available. Some modelers even put the motor in a boxcar (or whatever) and pushed a dummy loco about. By the time the late thirties and WW II arrived tiny motors became available, the scale was growing, and when Johnny came marching home and moved into some of the diminutive Levittown style houses, HO quickly supplanted the larger scales.

Cleveland was already a major hobby shop selling lots of lines of hobby supplies but were particularly well known for their model airplane kits and supplies. They had well over 100 different wooden airplane kits by the 1938 catalog. Around 1935 Cleveland had a better idea and they launched 'S' gauge in the form of wooden kits for trains scaled to 3/16" = 1 ft. and came out with quite a line. The drawback to the early kits was that they were not powered. I don't know how long it took to motorize their locomotive kits, but by 1938 they had done so. Copied on the next two pages are some sheets from 1938 telling about their line and we see that the engines were powered by then. Hope you enjoy these sheets from the predecessor to AF in 'S' gauge. Interestingly you should note that they referred to their scale as, "Gage". Even though this is an archaic variant of gauge its original Teutonic meaning is, "a defiant challenge". Perhaps Cleveland is challenging HO and O gauge.

# C-D Operating Equipment Has Revolutionized Model Railroading

Thousands of New Model Railroaders Have Already Started, Chiefly Because These Fine Kits and Materials Better Suited Their Purposes — and Purses

The Quality of C-D Model Railroad Equipment Is Unbelievably High, Whether of the "Rep" or Operating Types, and Believe It or Not, the Operating Type Locos Are Easier to Build Than the "Reps." Hundreds of Other Gagers Have Already "Switched" Too! Start Yours Today!

THE "Representative" type equipment, which first made its appearance on May 25, 1937, started a revolutionary new spirit in the model railroad world by making it possible for the average model railroad builder, or the young boy with just a few pennies in his pocket, to build model railroad equipment, both cars and locomotives alike. They were advertised from the outset as being "Representative" material only — and not to be compared with the Operating type which we planned on introducing later.

## C-D SUPER OPERATING EQUIPMENT

So when our Operating locomotives were announced, many "old timers" believed they would see a slightly modified repetition of the former all-wood "Representative" models. BUT after they had the opportunity of inspecting this Operating equipment, they were very, VERY delightfully surprised. They are simply amazed at the beautiful and fine detailed die castings supplied to scale — yet made for precision operating equipment. Such features as the new assembled drive wheels split at the rims for two-rail operation (at least three counter-balances for wheels supplied, to be easily inserted separately) — the highly detailed main and side rods — the accurate valve gear parts, cylinder block — and numerous other die cast parts were far more than they expected at the amazingly low prices put on this equipment. The reverse switch kit has pleased so many "died in the wood" model railroaders that they are now using this as standard equipment for all their future locomotive work.

As for the beautiful detail on the loco superstructure, they admit it would be impossible to make a better looking boiler, cab and details of metal than from the materials we supply, properly finished. And the same applies to the tender, to which embossed sides are cemented giving exact scale reproduction of every rivet seen on the prototype!

Those who think our operating equipment is "just another all-wood locomotive" are due for the surprise of their lives. Just order one — or a section, and see for yourself! Four sections — the 4-6-0 at \$4.00 ea., the 4-6-0 at \$4.50 ea. postfree.

## AND MORE COMING SOON!

We are now busily engaged in designing other types of Operating equipment — locomotives, passenger cars, freight boxes and other type freight cars as well as everything needed for right-of-way equipment offering at first (as C-D may always be expected to do), the most necessary items to be followed later with those less important.

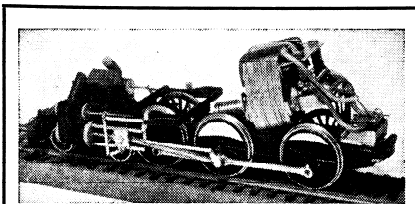
## BUT WITHOUT YOUR ASSISTANCE WE CAN ACCOMPLISH LITTLE

So, modelbuilders, even with this brand new C-D gage to the 3/16" scale (exact gage of 7/8") we can accomplish very little unless we have your support, both in the way of purchases, and also for suggestions as to what you would like to see us produce right along.

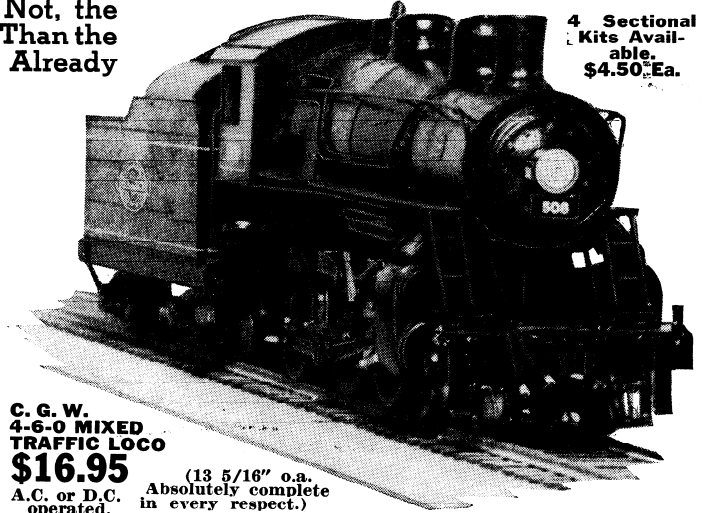
Buy a few items today, just to see for yourself that we have something really worth while. We list a wide variety of kits and materials below — perhaps for making up your own free lance equipment. And send your suggestions, but please refrain from asking questions which will only delay our production of new equipment for you.

## DON'T WAIT — ORDER SOME KITS TODAY!

Before you invest further in any other gage, investigate the C-D gage. By all means, build a few of these C-D R. R. models. You'll find them intensely fascinating in the realistic construction, and the finished models will be a real source of pride to you.



This illustration of the C-D Operating C. G. W. Mechanism could not possibly do justice to the quality of C-D all metal mechanisms, now being supplied with either A. C. or D. C. motors at the same price. The beauty of their authentic die cast detail MUST be seen to be appreciated — all easily assembled.



4 Sectional Kits Available. \$4.50 Ea.

C. G. W. 4-6-0 MIXED TRAFFIC LOCO \$16.95 (13 5/16" o.a. Absolutely complete in every respect.) A.C. or D.C. operated.

## C-D GAGE OPERATING R. R. PARTS

3/16" SCALE, 7/8" GAGE, FOR 2-RAIL OPERATION

### AUTHENTIC TRACK MATERIAL

**Sample Kit** — This kit contains samples of our straight and curved roadbed, rail, spikes, ties, ballast, wheels, axles, bushings, wood turnings and die castings. All parts may be used as repair parts. **Special kit price, postpaid . . . . . \$0.50**

**Special C-D Gage Scale Rail** — This brass running rail section has been specially designed by Cleveland. It may be used for HO as well as OO gage and for 3rd rail on O gage. Size .115" high, .094" width of base, .045" head width. The tinned rail is a good imitation steel rail and is very easy to solder. Comes in straight 3 ft. lengths only. **Per ft., \$0.03** 100 ft. . . . . \$2.50 (Postage extra. Shipping weight for 100 ft. of rail 2 3/4 lbs., figure smaller quantity weights from this.)

**Rail Connectors, brass, doz. 15c; 100 \$1.00**

**Steel Spikes** — 3/32" long, .032" sq. head .045"x.075". 1000 . . . . . .25

**Ties** — Stained, 3/8"x1 7/8"x1 11/16", non-splitting soft wood. 1000 ties will do for 20 to 30 ft. of single track according to spacing. 250 for 20c — 1000 . . . . . .75

**Ties** — Stained, 3/8"x1 1/8"x1 1/8", for switches, 7 pcs. (plenty for any switch). .05

**Track Gage, die cast, automatically widens track on curves, Each. . . . . .25**

**C-D Straight Roadbed Section** — Straight sections of composition board are 1/4" high, 2 7/16" wide, and have the correct ballast slope on both sides. When making double track or wider systems, they are laid side by side giving the scale 13 ft. center to center distance to which ties, ballast and rail are added to complete the desired effect of real scale track. (Shipping weight 1 1/2 lb. per 3 ft. length.) **Per each 3 ft. length . . . . . .15**

**C-D Curved Roadbed Section** — For curved section 24" radii and larger turnouts, crossovers, etc., employ this slotted roadbed section of the same composition board which is cut to the same angle as the straight roadbed section. Simply curve to the radius desired or any "ease-ment" curves laid out so cars would not strike in passing and nail down. This is the simplest and most inexpensive way yet of making realistic curved scale tracks. Slots not seen when covered with ties. (Shipping weight 1/2 lb. per 3 ft. length.) **Per each 3 ft. length . . . . . .20**

**C-D Roadbed for Crossovers** — 24" long, 4 7/8" wide with ballast slope on outside edges. Shipping weight for each one ordered 3/4 lb. **Each . . . . . .20**

**C-D Roadbed for No. 6 Switch or Turnout** — 11 1/2" long with straight ballast slope on one side and curved ballast slope of correct radius on the other. Made for righthand and lefthand turnouts; please state which one is desired when ordering. **Each (shipping weight 1/4 lb.) . . . . .15**

**C-D Ballast, suitable for any scales 3/16"**

or less, 5 lbs. will cover approx. 50 ft. of single track. **Approx. 5 lbs. (shipping weight 5 1/2 lbs.) . . . . . .75**  
**Fine Green Fired Sand, approx. 5 lbs. .75**  
**Coarse Green Fired Sand, approx. 5 lbs. .75**  
**Fine Red Fired Sand, approx. 5 lbs. .75**  
**Coarse Red Fired Sand, approx. 5 lbs. .75**

**NOTE:** When applying ballast, coat surface with transparent glue, then sprinkle ballast on (a salt shaker may be used for this if desired) and leave until dry, then shake or blow off surplus, but on roadbed wipe off the top of ties with the edge of a piece of tin before it dries.

**Transparent Ballast Glue** (not waterproof) for gluing ties and ballast to roadbed. Also used to glue red and green sand to boards, etc. One pint will glue ties and ballast to approx. 50 ft. of single track. **Per pint (shipping weight 1 3/4 lbs.) .40**  
**Per Qt. (shipping weight 3 1/2 lbs.) .75**

### C-D GAGE TRACK KITS

(You save approximately 10% on track laying by buying kits.)

**No. 1 — 24 ft. Track Kit** — Consists of 48 ft. of new C-D gage tinned brass rail, 18 rail joiners, 1250 wood ties and 1000 steel spikes. (Shipping weight 2 lbs.) **Special kit price . . . . . .2.75**

**No. 2 — 48 ft. Track Kit** — Consists of 96 ft. of new C-D gage tinned brass rail, 36 rail joiners, 2500 ties and 2000 steel spikes. (Shipping weight 4 lbs.) **Special kit price . . . . . .4.75**

### (Following Are Super Detail Track Kits)

**No. 3 — 24 ft. Track Kit** — Same as No. 1 but with the following material added: 24 ft. straight roadbed, 1/2 pt. ballast and tie glue, 2 1/2 lbs. ballast. (Shipping weight 10 lbs.) **Special kit price . . . . .4.45**

**No. 3A — 24 ft. Track Kit** — Same as No. 3 but with curved roadbed instead of straight. (Shipping weight 10 lbs.) **4.85**

**No. 3B — 24 ft. Track Kit** — Same as No. 3

### Read What Others Are Saying!

"The C-D Gage is the best gage that ever came on the Model Railroad Market."

"This will be the first time I ever attempted to build a system because the price of other engines and cars and supplies made me whistle, and how!"

"I do believe you have developed the best average man scale, and have done more for the fellows who have heretofore wanted to, but could not afford to build model railroads than all the other model companies put together. Cleveland Model & Supply Co. is a pal to all the heavy hearted 'used-to-stand-by-and-watchers'."



3 but with 12 ft. of straight and 12 ft. curved roadbed. (Shipping weight 10 lbs.) **4.65**

**No. 4—48 ft. Track Kit**—Same as No. 2 but with 48 ft. of straight roadbed, 1 pt. of ballast glue and 5 lbs. of ballast. (Shipping weight 19 lbs.) **7.95**

**Special kit price** ..... **7.95**

**No. 4A—48 ft. Track Kit**—Same as No. 4 but with curved roadbed instead of straight. (Shipping weight 19 lbs.) **8.55**

**No. 4B—48 ft. Track Kit**—Same as No. 4 but with 24 ft. of straight and 24 ft. of curved roadbed. (Shipping weight 19 lbs.) **8.25**

**No. 5—18" Super-Detail Track Kit**—For displaying models of "Rep" or Operating locos or freight cars until you have your layout made. Kit consists of straight roadbed, rail, ties, spikes, ballast and ballast glue. Complete kit (shipping weight 1 lb.) **1.50**

### ROLLING STOCK PARTS

(For 2-Rail Operation)

**SRL-1** Drawing for P. R. R. 0-6-0 Switcher ..... **1.00**

**SRL-3** Drawing for C. G. W. i-6-0 (Ten-Wheeler) ..... **1.00**

**Drive Wheels R80C**. Beautifully detailed die castings, 5 1/2" dia. 13 spokes (for 0-6-0) with tires, insulation and four different counter weights (any wgt. may easily be attached to wheel). Per wheel (not per pair) ..... **.35**

**Drive Wheels, R80C**. Like above, 7 1/2" dia. 17 spokes (for 4-6-0) with tires, insulation and 3 counterweights, also per wheel ..... **.25**

**Replacement Tires**. Die cast. No. R81 for 5 1/2" or No. R87 for 7 1/2" wheel, each ..... **.10**

**Special Fibre Insulation Sheets**, for insulating drive wheels, etc., 3 pieces, 2x4", one each of .003, .005 and .007 thick, for ..... **.10**

**Dalman Freight Truck Kit** as listed below, pair ..... **.65**

**Andrews Tender Truck Kit** as listed below, pair ..... **.65**

Above kits make up one complete pair of insulated C-D Gage trucks with detailed die cast side frames and wheels, very easy to assemble. Suitable for either "Super" kits or "Rep" car conversions.

**Uninsulated 33" Wheels, R-66**, with small holes to be mounted directly on axles, per pair ..... **.10**

**Insulated 33" Freight Wheels, R-67**. Are also used as locomotive leading wheels 33" dia. Wheels with large holes for insulating bushings, pair **.10**

**Freight and Passenger Car Axles, R-72**. Also used on locomotive leading and trailing wheel axles (when using for leading wheel axles, trim axles flush with face surface of wheel). 1 1/8" dia. 5/16" total length with shouldered, 2 for ..... **.15**

**Fibre Wheel Bushing, R-70**, for freight and passenger wheels, also locomotive leading and trailing wheels, 3/16" o. dia. shouldered, total length 11/64, 2 for ..... **.10**

**Locomotive Axles, R-73**, 3/16" dia. shouldered and already quartered to precisely fit our die cast drive wheels, each **.10**

**Couplers, R-65**. Well detailed,

die cast, pair ..... **.15**

**Air Brake Cylinder, R-97**, die cast for freight cars, 2 for **.15**

**Standard Brake Wheel, R-94**, die cast, 2 for ..... **.10**

**Ajax Brake Wheel, R-95-96**, with housing, die cast ..... **.10**

**Side Rod Screws, R-16**. Steel, shouldered and slotted. Threaded 0-80, per pair ..... **.15**

**Main Rod Screws, R-17**. Steel, shouldered with hex head. Threaded 0-80. Per pair **.15**

**Turned Wood Loco Generator, R-14**, 3 for ..... **.10**

**Turned Wood Headlight, R-10**, 3 for ..... **.10**

**Turned Wood Tender Air Brake Cylinder, R-56**, 3 for ..... **.10**

**Complete Set of Wood Turnings** Only for 0-6-0 or 4-6-0; consists of boiler, all domes and stacks, generator, lights, air tanks, etc. Each ..... **.70**

**Tender Body** cut to shape of wood for 0-6-0 or 4-6-0, each **.50**

**Reverse Switch Kit**—Body size 5/8"x3 1/8"x3/32" high, all parts cut to shape, insulating block drilled and tapped, etc., only assembling is required. Complete kit with assembly and wiring instructions ..... **.65**

**Brass Worm**, 48 pitch, right hand, single thread, 1/8" hole, 5/8" total length with set screw, each ..... **.35**

**Bakelite Worm Gear**—With brass hub and set screws, 3/16" bore, 1/8" face angular cut, with 30 or 35 teeth, to be used with above worm to give 30 to 1, or 35 to 1 ratio reduction, either size, each ..... **.80**

The following items have all scale rivets embossed in their proper location as well as all numbers and names. These sheets, when applied, will make a real beauty of your locomotive.

**Pair of Tender Sides** for either P. R. R. 0-6-0 or C. G. W. 4-6-0, per pair ..... **.75**

**Set of Embossed Covers** for boiler front, smoke box, fire box and cab for either P. R. R. 0-6-0 or C. G. W. 4-6-0, per set for either one ..... **.50**

**Brass Channel**—for 3/16" scale or free lance locomotive main frames of your own design, size 3/64"x3/8"x3/4"x9" long, each ..... **.35**

**Brass Rod**—1/16" square, for crosshead guides, etc. Per ft. **.03**; per 100 ft. in 3 ft. lengths (shipping weight 2 lbs.) ..... **1.25**

**Round Brass Rod**—for hand rails, piping, etc.

**Hand Rails**—No. 24, .022" dia. x 1 ft. long, spring brass, 5 ft. for ..... **.05**

**Small Piping**—No. 21, .032" x 1 ft. long, soft brass, 4 ft. **.05**

**Large Piping**—No. 19, .040" dia. x 1 ft. long, soft brass, 3 ft. for ..... **.05**

**Sheet Brass**—.015"x2"x4" for small parts, each ..... **.05**

**Brass Hand Rail Posts, R-71**—May be used for scale models 1/4" and under; head is 1/16" dia. drilled with a .028 dia. hole for hand rails, stem .040" dia. (press in No. 60 drill hole). Total length 5/16". Each **.04**

**Brass Bell, R-57**—1/4" dia. x 1/4" long, each ..... **.10**

**Tender Draw Bar, R-58**—Stamped of brass, each ..... **.05**

**Motor Mount, R-22**—Brass, for A. C. or D. C. motors (when using D. C. motor, bend back end over). Complete with all screws ..... **.25**

**Fine Brass Rivet Pins**—for valve gear parts, approx. 75 for ..... **.10**

**Permanent Magnet Motor**—For 6 volts D. C. 1" high, 1 1/8" wide and 2 1/4" long, shaft is

1/8" dia. and extends 1 1/4" which means the motor with shaft is 3 1/2" long. Commutator is 3 segment type, armature is 3/4" dia. and 5/8" wide. This motor does not require a reverse switch because the motor is reversed by changing the positive wire with the negative, thus remote control is very easy. This motor should be run on D. C. or batteries only and should not be used on alternating current unless a rectifier is used to change the A. C. to D. C.

**C-D Special Electric Motor**—Medium duty for 10 to 12 volts A. C. or D. C., 1 1/4" wide, 1 3/8" high, 1 7/8" long. Shaft 1/8" dia. and extends 3/4", a reverse switch should be used with this motor and operated by hand, each ..... **\$3.50**

### Liquids for Model Railroaders

**Metal Primer for Zinc Base Die Castings**—To use, just paint on with a small brush and be careful not to coat bearing surfaces; when dry it will give the castings a dark gray color and a very, very fine sandpaper-like surface. Almost any kind of paint or lacquer will adhere to this surface without peeling off. Just try it once and you'll be well pleased. 1/2 oz. bottle (more than enough for a loco) ..... **.10**

**Specially prepared Model Railroad Lacquer**—The lacquers listed below are suitable for use with the present C-D model railroad material. In 4 colors—R. R. Black, Battleship Gray, R. R. Red, Bright Orange. 1 oz. .... **.10** 2 oz. .... **.18**

**"Steel-Grip" Cement**—So called because it has, literally speaking, a steel grip on any two objects cemented together. We can guarantee this waterproof cement to hold almost anything together except rubber and plastic materials. 1 oz. **.12** 2 oz. **.20** 1 pt. **1.25**

**Wood Cement**—This waterproof colorless cement is used for all model railways, airplanes and boats, as well as other work in general, where a quick drying glue is needed. Sets in 20 minutes but takes longer if a thick clot is used. 1 oz. **.10** 1/2 pt. (8 oz.) **.55** 2 oz. **.18** 1 pt. (16 oz.) **.95**

### SPECIAL BRASS PARTS

For SRL-1 and SRL-3 But May Also Be Used on Free Lance Models.

**Valve Gear Hanger, R-37**, for P. R. R. 0-6-0, each ..... **.35**

**Link Hangers, R-36**, to be used with the frame above by riveting or soldering, per pair **.15**

**Valve Gear Hanger, R-60**, for C. G. W. 4-6-0, each ..... **.35**

**Valve Gear Frame, R-38**, for C. G. W. 4-6-0, each ..... **.35**

**Eccentric Crank, R-34**, for either model, pair ..... **.10**

**Eccentric Rod, R-32**, for C. G. W. 4-6-0, pair ..... **.10**

**Eccentric Rod, R-33**, for P. R. R. 0-6-0, pair ..... **.10**

**Combination Lever, R-30**, for either model, pair ..... **.10**

**Radius Rod, R-31**, for either model, pair ..... **.10**

**Reverse Lift or Crosshead Rods, R-29**, for either model, pr. **.10**

**Reverse Shaft Levers, R-35**, for 0-6-0, pair ..... **.15**

### SPECIAL DIE CAST PARTS

For SRL-1 and SRL-3 But May Also Be Used on Free Lance Models.

**Side Rods, R-42**, for P. R. R. 0-6-0, per pair ..... **.35**

**Main Rods, R-43**, for P. R. R. 0-6-0, per pair ..... **.20**

**Side Rods, R-40**, for C. G. W. 4-6-0, per pair ..... **.40**

**Main Rods, R-41**, for C. G. W. 4-6-0, per pair ..... **.20**

**Reverse Link, R-39 L.R.** for either model, per pair ..... **.15**

**Crossheads, R-20LR**, for either model with piston rod and crosshead link cast integral. Milled to fit crosshead guides, per pair ..... **.45**

**Lead Truck, R-54**, C. G. W. 4-6-0, die cast with axle holes, each ..... **.25**

**Main Frames**, die cast, with axle holes bored, No. R-61 for P. R. R. 0-6-0 switcher **\$1.25** or No. R-64 for C. G. W. 4-6-0 ..... **1.35**

**Cylinder Block, R-74**, P. R. R. 0-6-0, die cast ..... **1.25**

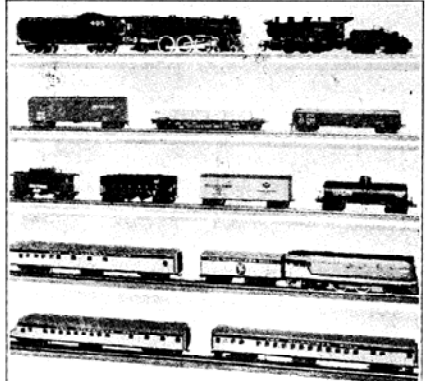
**Cylinder Block, R-75**, C. G. W. 4-6-0, die cast ..... **1.25**

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### C-D REP KITS

These Kits Are Complete—Except Contain NO Liquids

All to 3/16" scale for 7/8" gage. Average price all sizes: Locomotives, 12" —17", Passenger Cars, 15"; Box Cars, 8"; height 2 1/2". Kits are complete with sides, tops and end printed in authentic colors and lettering. By simply employing working couplers, detaching dummy trucks and replacing with actual working trucks, all "Rep" (cars only) models may be used in your operating layout.



**RL-1** PRR Switcher 0-6-0 **.65**

**RL-2** C&O Pacific (4-6-2) **.85**

**RS-1** Hiwatha (4-4-2) **.95**

**RS-2** Hiwatha Tap-Diner **.75**

**RS-3** Hiwatha Coach **.75**

**RS-4** Hia. Beaver Tail **.75**

**BOX CARS**

**RB-1** NYC—40 ft. steel **.45**

**RB-2** B&O—40 ft. steel **.45**

**RB-3** B&O—40 ft. wood **.45**

**RB-4** RockIsland 40' wood **.45**

**RB-5** Wabash—40' wood **.45**

**RB-6** SD 40' wood furn. **.45**

**RB-7** T&P 40' wood auto. **.45**

**RB-8** AT&SF—40' wood **.45**

**RB-9** UnionPac—50' steel **.55**

**RB-10** AT&SF 50' st. auto **.55**

**CABOOSE**

**RC-1** PRR type N-5 **.45**

**FLAT CARS**

**RF-1** C&NW 46' 50 ton. **.25**

**RF-2** PRR 46' 50 ton. **.25**

**RF-3** B&M 46' 50 ton. **.25**

**RF-4** L&N 46' 50 ton. **.25**

**GONDOLA TYPE CARS**

**RG-1** L&N 41' 50 ton. **.35**

**RG-2** NYC 41' 50 ton. **.35**

**RG-3** MC 41' 50 ton. **.35**

**RG-4** T&P 41' 50 ton. **.35**

**RG-5** PRR 65' 70 ton mill type gondola **.55**

**55 T. TWIN HOPPER CARS**

**RH-1** CCC&StL RR **.40**

**RH-2** Missouri Pac. RR **.40**

**RH-3** Southern Railroad **.40**

**RH-4** Illinois Central RR **.40**

**8000 GAL. TANK CARS**

**RT-1** Texaco—TCX (wh.) **.35**

**RT-2** NATX (black) **.35**

**RT-3** Sinclair—SDRX **.35**

**RT-4** Gulf—CRCX (blk.) **.35**

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ERECTOR SQUARE, NEW HAVEN 6 CONN. P.O. BOX 1610

October 1, 1962

TO ALL AUTHORIZED SERVICE STATIONS

In October 1959 The A. C. Gilbert Company established a policy to guarantee the published Service Parts Lists Prices for 3 years. Our review of prices has been completed, a new Parts Price Lists for your Service Manual have been published and a complete set is included in this mailing.

Even though our factory costs of labor, material, operating supplies, cartage costs etc., reflect a higher increase, through improved methods and cost reduction programs, we have been able to hold price increase to 5% maximum. Many prices have not advanced.

Will you please remove all of your present Parts Price Lists (Not Exploded Views) from your Service Manual and replace with the new sheets dated Oct. 1, 1962. If you find that you are short any Exploded Views, let us know so that we may furnish them.

May I call to your attention changes that have been made to assist you.

- (1) All obsolete Part Nos. have been eliminated and the alternate replacement Part Number has been given.  
For Example: PALLA914 Condenser (Sub. for PALLA991 OBSOLETE)
- (2) Parts Lists are printed on both sides to relieve the crowding up of your Manual.
- (3) \* Call your attention to Special Condition so you may order correctly. This will speed up delivery as research in our Order Dept. will be eliminated.

We ask that you now order using Part Nos. as shown on the new Parts Price Lists. This will help us both.

When ordering parts for Locomotive both S and HO Gauge use the same order. When ordering Race Game Parts included only these parts on a separate order. Airplane parts should also be on separate order. Your cooperation on this request will save time as stock storage area of these parts are not in one location in our Warehouse.

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THE A.C. GILBERT COMPANY  
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ERECTOR SETS - SCIENCE TOYS - AMERICAN FLYER ELECTRIC TRAINS



The pictures above are from one of the house tours. These were handled "On your own" and presented the added fun of finding your way thru the bowels of Pittsburgh. The one on the left is part of the layout which occupied a major portion of the Dining room. The windows covered and scene sparkled with all of the lights. The picture on the right shows part of the collection in a magnificent solid oak display case. (The owner is a cabinet maker by profession). So..... COME to the next convention. Chester Zmijewski