



MR. A. C. GILBERT, the man who brought spectacular realism to scale model rathroading. looks over a real locomotive with one of his boy friends. The new American Floor trains and champton. He is the inventor of Erector and the founder of the largest company in the world devoted to the manufacture of scientific toys.

HE remance of railroading never tolls

You sense the wonder and glary of railroading when you stand on a station platform and a giant locomotive blows its hot beeath upon you. You feel it appin in the countryside when you see a crack limited pounding down the main - smoke stragming from its stock - its whistle echoing and re-

Today, you can capture the mystic pageontry of rollroading in your own home. Direct its

exciting action with your own fingers. Enjoy its stirring adventure every day,

come a fleet of brilliantly engineered trains and a wide range of equipment that carry scale Picture yourself at the magic controls of a modern American Flyer railroad system. At your finger tips are the theotiles that operate your trains, and an array of remote control push buttons for monipulating your whistle, much motic loading and unloading soviersest and oll the other spectorulor things that make on SCALE MODEL RAILROADING BROUGHT TO NEW HEIGHTS OF REALISM BY

# AMERICAN FLYER

Thrilling Action! Never-Ending Jun! Spectacular Drama!

BY A. C. GILBERT Founder of the Gilbert Hall of Science and President of The A. C. Gilbert Company

Stretching out in front of you is a more of gleaming trocks, sidings, switches and crossovers, notes, vord equipment and other picturesque

"All aboard!" Let's see some action. Slowly you open your throttle and a train starts to anake out of a station. You open it wider . . . to 30 scale miles per hour . . . 50 . . . BD . . . 100 or more.

How reclistic it looks and sounds. Mighty wheels thundering over the rolls. Gleaning piston rods floshing back and forth like the orms of prize fighters. A long leash of sleek cors rocking and awaying in tempestuous motion. American Flyer croftsmen have overlooked nothing to make this crack highlines a perfect replied of a real train.

The Fun Is Just Starting Now for some really dramatic action. Again you open your throttle and a second train moves. forward - possibly from a siding. As it crawls closed. Quickly you pull one of those monic

control levers. The switch opens and your train. Now you have two trains running on the same track. Here, indeed, is exciting, spectacular action . . . action that will make your blood tingle.

Well, if you are a good railroad man, your railrood will be equipped with a "block system" tust like a real railroad. As the year train onprouches the block occupied by the first train, stops the rear train. When the block is clear, your semaphore flashes areen, and your train automatically resumes its nun-

More Fun And Action But more wonders are in store for you. By simply

You can make trains run forwards or backwards recouple them anywhere. You can dump a load of coal, logs, or metal-then load the cars again



# Ask These 12 Questions

WHEN YOU CHOOSE A SCALE MODEL RAILROAD

QUESTION	AMERICAN	WHY THIS IS IMPORTANT
1—Dues Incomplies Juff red smale and is the smale syn- cleunical with train speed?	YES	To be fully realistic, smake should increase or decrease in volu- with every change of train speed. American Flyer trains are or neered to pull stroke this way.
<ol> <li>Dees locomerize reproduce the "choosebor" sound effects at a real focumentie and me they synchronized with trate speed?</li> </ol>	YES	No tocometive seems like real unless is ranals like real. Ameri Ther s "cho-choos" reproduces morposaseas realities and his of giant locomotive—changes tone and tempo as train speaks or shows down.
2-Does motor have super- paster starm drive?	YES	Banishes jeday "jack-sabbis" pull and provides smooth, see power from means as drive wheels. Pennins slow speech with danger of stalling.
4—Are all lecomotives, ears and track engineered to uni- form 3/16" scale?	YES	No sailroad system can be genuine "scale model" if locome and cars are made to one scale and track to mother scale, Am can Flyer builds hode trains and track to the same scale—3.1
5—Ir track realistic neered "T" 1980?	YES	An important difference between a "toy" esistend and a wanded railread is in the track. Toy railreads have dweered to the middle sail being used to carry the electric current. Ameri Plyer has oversail stack, so that it looks like a real regiment.
6—Can a two-loop track Ley- out he laid and in floor space only 6 feet square?	YES	Much of the fun of scale model railcoading lies in having or loop and sidings in the track system. American Flyer 3/16" or permits almost ovice as many loops in the same flore space as gauge track.
7—Are cars made of plantic with die-cast frames?	YES	Just us the trend in real railroad cars is towards light wei muterials, so American Herr cars are made of light weight plan One locomotive can pull fifteen or more cars.
8—Dust system have Direc- troois Propulsion Incommittee	YES	Power is supplied to the hoomodor in a continuous strau- inspend of intermittently, as with focusedness operating on al- nuing current. Leconosive is not supped by minor dead upon track.
9—Dees its motor have Abdess permanent magnet?	YES	This new-type, solid metal magnet can lift twenty-one times weight—makes moner more powerful, models-proof, and lon-losing.
10—Is direction of locometics charge under pookies, splic- second control?	YES	New Discessoric Propulsion Incomerive changes direction on whan namous control direction switch is threed. No jecker back and forth after stops—no uncertainty about direction train.
11—Can two leconoties be aperated either in the same ar appoint directions on the same track?	YES	With one Directronic Propulsion foremetive and one stand locumetive, stains can be rashed towards each other—step- jast before they collide—than backed away from each other

All Ansertices Piper trains and sequipment one and the piper trains and sequipment of the training of section of the piper training the piper resultation. And you profit in the reculate cappearness of your cultural with a passed is centic effects when you surround in with spacial scenic effects when you surround in which spaced is centic effects when you surround in which spaced is come of the receiver of the piper of the state of the piper been the colocose blizios in forcevell in the disnance. Lights from softons heldings and woler tower add to the oweness range of the scene. No other holdy brings you such specticular sights and socials and such exciting action as seeken model suitoologicy. You one every is thefall every day of the year—stin or abins—wither or summes—right to day. And you will consoning be discovering new ways to make up year man expected your tookings and armine year.

a.c.glast

Only AMERICAN FLYER brings you ALL these thrilling "just like real" features!



life. So—right now—why not plus to build a complete American Hyer system? You don't have to 60 % oil of once. Much of the joy of scale model mitroding lies in planning abend and adding new

The first step is to pick a partner. A boy's Dad is always a fine choice because operating a railroad together is a sure-fire way to get close to Dad. Or perhaps on Uacle, Grandiarher or some of the boys is your neighborhood would like to beam up with

The next step is to select a suitable location for

tion, though in some houses on site in just on good or hester. Tolkes solves 50° July homes the hest foundation for your entired spotes and can be made of himber you may have on head of phywood. Thunks to the fact then 61 Anneton There team and tead on both to 3-10° solve on meaningly resulted and complete system can be built in comparating and approach the in the order of the complete system of the built in comparating and approach This is leaded in a way may be a simple system of the control of

The number work company required for American Flyer is only 45°, so that your table need not be over 45° wide. But if space permits, a table width of 5 or 6 feet is recommended, to ollow space for sidings, stations, loading equipment, etc.

Your fast layout can very well be about 5 x 10 feet, In such a sponey too can key sufficient track for the operation of two trains and tolds have come for a splendid assortment of equipment. From this you can expand to a large extensigned seyout such on allustrated on this page, or to a narrow Leshaged layout around the walls.

Further information on building your system and giving it spectocular realism is given in the hatruction Musual that comes with every American Plyer Train set. Make Your System Grow . . . Month After Month . . . Year After Year

These took bloopins show how you can shat with a single loop — and keep adding took, switches and crossovers said you have the scale madel asthuad of your dreams.



Smooth, Positive Start of New Directronic Propulsion Locomotive

# DIRECTRONIC PROPULSION Locomotive



Stroboscopic photographs — taken at 1/10,000 of a second — show how it provides simpler, positive remote control of direction of train and banishes jockeying back

ALL STANDARD LOCOMOTIVES— In order to stop the trois and mole it resume runting in the same direction in which if was previously traveling, it is messessory to [1] stop (2) reverse (3) stop (4) stant. The photograph of left according portrays the confusion and lack of precision that the scale model railroader experiences in performing these four

NEW DIRECTRONIC PROPULSION
DCOMOTIVE—To stop and resume
some direction. It is only and resume
(1) showing the stop and resume
(1) showing the stop and resume
(1) showing to some direction in which it was
revisionly trenting — unless direction is
intentionally changed by throwing direction swide on Directronic Rectifier. Here
is new realism — new simplicity — new
noultim control.



## DIRECTRONIC PROPULSION

is the greatest train development of the century

#### EXCLUSIVE WITH AMERICAN FLYER

Provides positive, split-second Directronic Corderé of train — banishes lockeying both and forth other stope — elistrates bocemetive stopping because of mixor dead spots to trait — mosts positive operating two testes in opposite directions on same trait prices without lasteriority with direction of both — ensures continuous propulsive power of this point of two speeds.

HE new American Flyer Directronic Propulsion Iscomotives revolution in the Comment of the Commen

reveese directions.

For instance, a train drawn by a Directronic
Propulation locomotive can be stopped exactly where you want, without tedious jiggling back and teeth. This is persicularly
important in bringing freight cans into position for use with automatic localing equiptions for use with automatic localing equip-

From a dead start the train can be made to glide ferward or backward insteady—
regardless of the direction in which it was previously traveling. And so temperature is the power of the Directionic Projution locomotive that even when pulling 16 cars a starts without joiking or backing—ond it can bustle them over the rails of over 75 scole miles per hour.

28 scale rathes per hear.

Back of the development of the American
Flyer Directronic Propulsion loconostive one
two Iniliant scientific exhiberments— the
isoversion of the Alaico permonent magnet,
a solid mostl magnet that takes the place
of the wire-wound magnet and is so powertal that it can lift breaty-one times its
own weight; and the particular of the Directomic Propulsion D.C. moter by The Gilbert









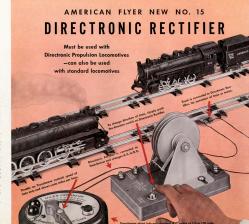
## How it works and how to hook it up

Do making difference between the new Ansetion with the contraction of the contraction of the product of the contraction of th

The use of D.C. class permits revening the locosotives in the simplest and most direct way—by pashing the direction which on the Directionic Rectifier. This instantly changes the polarity of the current in the track.

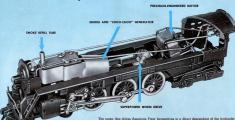
The blook-up for Directronic Propulsion locomotives in very simple. A standard turnsforcer is plugged into the bouse current the Directronic Bectifier in connected to the transformer—and the book whose to the Directronic Bectifier. All other equipersant in Connected to the transformer connected to the Connected to the transformer to usual. The Directronic Bectifier must be used for American Tiper tolins Nos. 4615, 4617, 4618 and 4621, It also operates standard lococostives.

Note - American Flyer Directronic Rectifier can be used only with A.C. house current.



# THE MIGHTY PRECISION POWER PLANT

that drives American Flyer Locomotives



New piston-type smoke and "choo-choo" generator keeps smoke and "choo-choos" positively synchronized with train speed.

The moter that drives American Pipur locomotives is a direct descendent of the hydroxile control volves moters subsetted by the Grunnam Aircraft Engineering Corporation for their famous Hellouts, and is built to the same rigid specifications. Certain parts, for example, one mochined to on occuracy of two test-flowamedits of on inch. Here, indeed, is a power plant that cassures on obrundance of amooth, surging power — long life — and realistic, receiving carnel of vour trains.

American Type's new pistor-type mode and "doo-choo" generate is located in the locamotive and operated by the same motor that drives the train. Thus, smoke and "close-choos" local properties of the same motor that drives the train. Thus, smoke and "close-choos" local properties of the same state of the same state of the same state. The mode is a dearly within under all light conditions—even in the dark. And a locanority will pull snoke for hours on only one mode cartificia.

The smoke unit is retilled by squeezing the contents of a smoke cartridge into a small hole in the smoke stack. It can be done in a few seconds and the unit requires no cleaning.



# SUPERPOWER WORM DRIVE

a Sensational American Flyer Development

SMOOTH PRECISION CONTROL AT ALL SPEEDS



An important rescuen why American Flyer Iconomizes operate so reclintically and quietly—without jetting or gent drives By diving a greeter reduction in resto (IRI), worm oper drive incroses the turnity jourque correspondingly; making possible slower, amouther perfect with the properties of the progreed drive studies you to multimit so perfect without danger of stelling and gives you the study motive power you need for high speech. A speed of 120 gives you the study motive power you need for high speech, a speed of 120 with American Physic locanotives.

# AMERICAN FLYER **AUTHENTIC** 2-RAIL "T" TRACK

Built to 3/16" Scale

Looks Like a Real Right-of-Way

PERMITS MULTIPLE TRACK LAYOUTS

IN SMALL SPACE

O scole model mileand con look truly realistic unless the track consists of only the two rolls on which the wheels run.

Heretofore standard tracks for electric trains have had a third rail located in the middle to corre the electric current. Only the most expensive scale model sets could boost on outhentic two-roil track. Also, the locomotives had to be specially east-

Today all American Flyer trains are designed to corry the electric current through the wheels, making possible the use of authentic two rail track. Now, for the first time, scale model trains with this superb realistic feature cost no more than sets with old-fushioned third roll trook.





100% REALISTIC

Sound

AND

Smoke

Hear 'em "Choo-Choo"

**EFFECTS!** 

Watch 'em Puff Smoke

Lisicii To Tilai Willisii

Thrilling exclusive features originated by AMERICAN FLYER











#### AMERICAN FLYER

# AMAZING NEW TALKING R.R. STATION



#### Produces true-to-life sounds of a busy railroad station— Stops train by remote control —Starts train Automatically

Here's another exciting American Flyer "first." A railroad station that not only looks like real but liberally connects to life with a medley of shouting voices and thrilling railroad noises when your

volces and furifiling rathroad notaes when your train stops in front of it.

Complete remote control adds to its recliam and dramatic action. As your train nears the station, you press a remote control pash humon, and your train glides to a stop. Then — mingled with the avanuals of histories steems the church of interes and

you probe to tensor common passes scorice, was your menting claims to a step. Them — minigled with the tenting claims of the whistle — you have the voice the statics connecuter cell "American Flyer through tectin" — "New York, Philodelphia, Chicogo and all potate west" — and "All Abond." As the noises die down, your train customatically statis and resumes 2x run.

The American Piver Talking Hallroad Station has realistic windows, swinging door and electric in terior light. Freight section has two sliding doors. It is 6" x 12" at the base, 8" high, and is finished in brilliant nearned.

The Tolking Roilroad Station is one of the most apecturular additions you can make to your American Flyer railroad system.



- 8 Fast Freight Trains and
- 5 Sleek Passenger Trains from which to choose

#### AMERICAN FLYER +

Developed at the Gilbert Hall of Science

B. & O. 4-6-2

### Royal Blue

SCALE MODEL FREIGHT

- at breath-taking speed

  \* Two-Rail Track
- ★ Superpower ★ 3/16" Scale Model
  Worm Drive ★ Automatic Coupling
- \* Remote Control \* Electric Uncoupling
- ★ Lightweight ★ Large 75 Watt

THE POYAL BLUE

Plastic Cars Transformer

#### No. 48T ROYAL BLUE FREIGHT TRAIN . . . 23 PIECES. 41" LONG

Devy line of the powerful streemlined, discoust become the speed, and there on small of difful in opporting I Locatorities, supposed, and there are small of difful in opporting I Locatorities, surject on the street of give years of service. Fower is I measured to the six street of give years of service. Fower is I measured to the six takes diffuse out adopting and contents control of their of all speeds. Locatorities to all supposeds are content of the street of the street

Set consists of No. 150 Learnestive and Tender, 171(" long; \$138 Bes Car, 1"%;" long; \$15 Gambile Car, 8" long; \$30 Coboose with light, 6" long, Track; 12 No. 732 curved, 2 No.



\* AMERICAN FLYER \* Developed at the Gilbert Hall of Science

ATLANTIC 4-4-2

Crack Highliners that Give off Bigger Puffs of Smoke and Louder "Choo-Choos" the Faster They Travel.

\* Real Smoke \* "Choo-Choo"

\* Remote Control \* 3/16" Scale Model \* Superpower Worm Drive \* Two-Rail Track

\* Automatic Coupling \* Electric Uncoupling Lightweight Plastic Cars

No. 4801A ATLANTIC FREIGHT TRAIN WITH "CHOO.CHOO" AND SMOKE FEATURE . . . 22 PIECES, 40 12/16" LONG . . .

Think of the fun of operating this fast freight by remote control. Listen to those "choo choos" as your train starts to alide forward. Look at the smoke come billowing up from the smoke stack. And each time you open the throttle wider, the "choo choo" sounds and smoke mount in volume. The husky die-cast locomotive has Lucita alactric handlight and removable baller front Bablad to are the bunker type tender, log our with six wooden loos, how car with sliding doors, and caboose with electric light. Both proportion to each other. The electric uncounling device enables you to uncouple cars by remote control. Cars can be coupled again automatically. 14 sections of track make 167" avail. 75 Wott or 100 Wort Transformer recommended

Set consists of: No. 502AC Locomotive and Tender, 16" loss; 628 Log Cor, 871" long: 603-8 Box Cot. 7%;" long: 630 Cohoose with light, it" long. Timels: 12 No. 752 oursell, 2 No. 700 stealght, 1 No. 795 wrongling device and control box, 1 No. No. 4803A. ATLANTIC PASSENGER TRAIN WITH "CHOOLCHOO" AND SMOKE FEATURE ... 22 PIECES SO 1/2" LONG Start this sleek passenger train on its exciting run with smooth neecision - tust as a real engineer would. There's no tecky 'ack-cabbit' pull with American Firer's worm near drive Notice how perfectly they stoy synchronized with train speed with eccentric orm double action piaton rods. Lucite electric headlight. The tender is filled with imitation coal. The two long. Your train looks right - hugs the track right as it speeds arrand

fun of operating. Track makes 160" oval, 75 Watt or 100 Watt Set consists of: 1 No. 202AC Locumetive and Tender, 15" long: 651-G Buggage Con. 10%;": 2 650-G Corehen, 10%;". Track: 12 No. 702 curved, 2 No. 700 steelght,



#### \* AMERICAN FLYER \*

### PENNSYLVANIA 4-6-2

As these Famous Limiteds Pound Down the Main - Their "Choo-Choos" Change Tone with Every Change in Speed

"Choo-Choos" Change Tone with Every Change in s

Read Smoke Remote Control

"Choo-Choo"

★"Choo-Choo" ★Automatic Coupling
★3/16" Scale Model ★Electric Uncoupling

\*Superpower Worm Drive \*Two-Rail Track

No. 4607A PENNSYLVANIA FREIGHT TRAIN WITH "CHOO-CHOO" AND SMOKE FEATURE . . . 21 PIECES. 40 1 4" LONG

Highball this sist height, and a mobiling charm of "shoot-loos" green year one. Mide it mail cloud and the "shoot become priven year one. Mide it mail cloud and the "shoot become he positing growts of a mechanical monator engage to be not newly. He can be bounded in the similar of in locarative block American Pyer stooks feature. It could you did clouds of annual new and it pounds down the main into I Go or has brink of the Chickes has customer before the size of the country to the country to the country to the country to the country of the

Cabciose has authentic cupola. Hopper car has holdens. Uncospile outs by semote control while turin is moving; couple them copywhere. Bun of night, with house lights off, the electric headlight and illuminated cabciose cant an overesone glare over the realistic two-roll such. Smoles and "choo-choos" changing in volume with every change in totin speed and realism to the

Set consists of No. 202AC Locometre and Tender with "Choo-Choo" and anoke, 175," long: 632 Hopper Cor. 65," 635 Tenk Cor. 75,"; 630 Coboose, 6", Track:

No. 4609A PENNSYLVANIA PASSENGER TRAIN WITH "CHOO-CHOO" AND SMOKE FEATURE . . . 21 PIECES. 50 1/2" LONG

Worth the photons plumes of muche as this hotshet roses over the cralls, wheeling its soles, modes mixing or versitab health of the cralls, wheeling its soles, modes mixing or versitab health of Litera to the "those-theor" increase in veilures and power on J-18" cacks model—with worsel trust—ellipte weems push matters with its above realizes. In engine host the modern, per contract with the contract of the contract of the contract matters with its above realizes. In engine has the modern, per on low or a local on, pro. without dispers of stufficial it has gives you the steady surge of power you send in high apsendaced by the contract of the contract of the contract plants or conclusing their with lights. They are model on modern plants light in weight — benutati, never-balle colors. Rougages or lower to commodification of the contract plants or and the forces in commodification of the contract plants of the contract plants are considered in the contract of the contract plants of the forces in the contract of the contract of the contract plants of the forces in the contract of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract plants of the contract of the contract plants of the contract plants of the contract plants of the con

171s Singi 63148 Regginge Can, 101s\*; 2 605-8 Cooches, 101s\*, Track: 12 No. 703 oursel. 2 No. 790 shought. 1 No. 706 uncoupling device and control loss. 1 No. 680 Track Terminol.



#### + AMERICAN FLYFR + Developed at the Gilbert Hall of Science

#### **HUDSON 4-6-4** These Maiestic New York Central Scale Models Fill

- the Air with their Realistic Sounding "Choo-Choos"
- \* Real Smoke
- \* "Choo-Choo"
- \* 3/16" Scale Model
- \* Superpower Worm Drive \* Two-Rail Track \* Lightweight Plastic Cars
- \* Remote Control
- \* Automatic Coupling \* Flectric Uncoupling

No. 4611A NEW YORK CENTRAL EDUCAT TRAIN

WITH "CHOO-CHOO" AND SMOKE FEATURE

26 PIECES. 52 3/16" LONG

cur, make it swing open to let reclistic coal pour into an un-

Powered by a husky New York Central Life, this mighty freight

Set consists of: No. 222AC Locomotive and Tender wid: "Chia Chia" and smale.
10" long: Till Automotic Cod Physic Cor with Cashed Sec. 75("): 504 Floodlight
Cor. 51("): 622 Cuttle Cor. 77("): 620 Calloine with Light, 6". Trock: 12 No. 722
surveil, 4 No. 700 sheight, 1 No. 705 secrepting device and coassal bos, 1 No. 725

No. 4613A NEW YORK CENTRAL PASSENGER TRAIN WITH "CHOO-CHOO" AND SMOKE FEATURE . . .

It smokes like a Mainliner. It "choo-choos" like a Mainliner, It is a Mainliner . . . in every detail an authentic replica of the alcovere Hudsons that your their way through the Empire State! With its smoke pulls and "choo-choo" sounds nositively symbonized with train speed at all times, it is glorious to see and hear. But darkened room, its Lucite electric head lamp throwing a long white beam down its reclistic two-rail track, lights sporkling under the imitation shades of the modern lightweight vication Fullmons and observation our Quiet, even pulling weem drive gives you the special thrill of having instantaneous, super-

Set consists of: No. 322AC Locamotive and Tender with "Chee-Chee" and smoke.



#### \* AMERICAN FLYER \*

Developed at the Gilbert Hall of Science

## PENNSYLVANIA K-5

\*Real Smoke
\*"Choo-Choo"

\*Automatic Log Loader

\*3/16" Scale Model

\*Remote Control

\*Superpower Worm Drive
\*Automatic Coupling
\*Electric Uncoupling

★Two-Rail Track ★Lightweight Plastic Cars Rolling impressively under billowing clouds of smoke and

billowing clouds of smoke and defiantly snorting its "Choo-Choos," this Red Ball Freight

brings you all the glory of railroading. No. 4619A PENNSYLVANIA FREIGHT TRAIN WITH
"CHOO-CHOO" AND SMOKE FEATURE . . .
27 PIECES. 49 1/2" LONG

With the stirring roise of in "those choos" in your cost ..., with your manners forming notice not earn, you will be given on in the instead forming notice not be expected to the property of the property of

Set consists at No. 312AC Locomotive and Tender with "Cheo-Cheo" and smoke, 17% loop 717 Automatic log Car with Custon Son, 7% "16" of Septer Car. 8 14", 503 Stopper. 4" 15" at 10 Cheo with Lists, 8" 77 21 Log London with Custon Son, 8" with 6 x 111" long x 11" high, Tracks 12 No. 70 events, 4 No. 70 steight, 1 No. 70 surrogaling device and control long, 1 No. 72 Automotic Track Section, 1 No. 823 Automotic Track Section, 1 No. 823



+ AMERICAN FLYER +

#### Developed at the Gilbert Hall of Science **NEW YORK CENTRAL J-3A**

- \* Remote Control \* Real Smoke
- "Choo-Choo"
- \* Coal Loader

- 2 /16" Scole Model \* Superpower Worm Drive
- \* Automatic Coupling
- \* Electric Uncoupling
- Two Pail Track
- \* Lightweight Plastic Cars

Sleek and aleaming, this mighty battleship highballs its

long leash of freight cars under leaping streamers of smoke and to a chorus

of "Choo-Choos"

No. 4620A NEW YORK CENTRAL EREIGHT TRAIN WITH "CHOO-CHOO" AND SMOKE FEATURE . . . 27 PIECES. 52 1/4" LONG

the exciting action of loading-transporting-and unloading coal. to great gusts . . . the "choo-choos" come louder, clearer, faster. Now





"Shuffle the Deck" (switch cars around) just as they do

in real railroad classification vards

\*Remote Directronic Control

+3/16" Scale Model \*Real Smoke **★**Automatic Coupling

+"Choo-Choo" **★Flectric Uncounling** \*Superpower Worm Drive +Two-Rail Track \*Lightweight Plastic Cars

This authentic

SWITCHER

... with smoke streaming from its

stack, and its "Choo-Choos"

piercina the air . . . is the aristocrat of "yard goats" "CHOOLCHOO" AND SMOKE FEATURE . . .

26 PIECES. 48 1/4" LONG Bank refraction excitement takes place in the busy classification yards

No. 4618 NICKEL PLATE SWITCHER WITH

why this powerful die-cast Directronic Propulsion "yard goot" sets a new rushes off the swiveling, tilting platform by remote control; searchlight car with floodlight that turns and twists at any angle, throws long, rods, side rods and connecting rods. Tender is die-cust, coal type, has

No. 47304 NICKEL PLATE SWITCHER Some as above, but with Universal Motor, which operates on either



\* AMERICAN FLYER Developed at the Gilbert Hall of Science

UNION PACIFIC 4-8-4

Their Eight Huge Drive Wheels and Deep-Throated "Choo-Choos" Symbolize Mighty Power Through the Rockies

Remote Directronic Control \* 3/16" Scale Model Real Smoke

Automatic Coupling

"Choo-Choo" Electric Uncoupling

Superpower Worm Drive . Two-Rail Track Lightweight Plastic Cars

No. 4615. UNION PACIFIC ENFIGHT TRAIN WITH "CHOO-CHOO" AND SMOKE FEATURE . . . 26 PIECES. 63" IONG You will make your friends gosp with wonder as you stort this

change tone and tempo with every change of speed . . . and piston rods, side rods and connection mile distriby flock book wrecker car with the revolving cab and boom with hook that suizes and lowers! Its hopper our is complete with ladders. Box cohoose is illuminated. All cars are modern, lightweight plastic Two-coil truck is built to some scale as trais. Truck makes 160 Set consists of No. 332 D.C. Locomotive and Tender with "Choo-Choo" and WITH "CHOO-CHOO" AND SMOKE FEATURE . . . 25 PIECES. 72 7/16" LONG

stack . . . thundering "choo-choos" echoing and re-echoing couple them in a flush. The track is realistic two-roil type numeric Trail design, Locomotive has Lucite electric head





Developed at the Gilbert Hall of Science

## UNION PACIFIC-8 DRIVE WHEEL

\*Remote Directronic Control \*Real Smoke \*"Choo-Choo" \*Automatic Mail Car \*Superpower Worm Drive

\*3/16" Scale Model \*Automatic Coupling \*Electric Uncoupling

\*Two-Rail Track \*Lightweight Plastic Cars

Wonder of the West! Watch this mammoth Union Pacific Hotshot hustle its varnish over the rails as smoke

pours from its stack and its

"Choo-Choos" echo and re-echo

#### No. 4621 UNION PACIFIC PASSENGER TRAIN WITH "CHOO-CHOO" AND SMOKE FEATURE . . . 29 PIECES. 81 7 16" LONG Picture yourself wheeling this Directronic Propulsion bottleship with its

string of five brilliantly colored plastic cars. How those eight home drive wheels hug the rolls. How smoothly the nower flows from the mighty electric engine through the precision-built worm-drive. How realistically the "choo-choos" rumble and snort - rising and descendwhat vivid, spectacular action you get when that mail our flushes by every inch a de luxe limited . . . so perfectly built and hequitally



# American Flyer **NEW SUPERPOWER**

"Safety First"

**TRANSFORMERS** 

Output limited to 15 volts, moterially reducing danger of burning out

While made especially for American Flyer trains, these transformers

TRANSFORMER	RECOMMENDED FOR TRAIN SE
ns. 2, 28, 8B	Nos. 4901A, 4900A
os. 28, 88	Nos. 4607A, 4608A, 4611A, 4613J
os. 88, 128	Nos. 4619A, 4620A

No. 15 Directronic Rectifier plus 2B

3/16" SCALE

American Fiver Cars are built from actual railroad blueprints and made to uniform 3/16" scale. Thus, every car is the correct size from end to end and correctly proportioned to all the other American flyer cars.

Molded plastic construction makes possible finish. These ultra modern cars are much lighter than die cost cors, and their permanent colors cannot flake or chip.



wheels, ladders, journal boxes and rivet heads are accurate reproductions of the real thing.

All cars are equipped with automatic

where on the new two-rail track



Make a list of the cars you need then add a new ear every month



No. 636 DEPRESSED CENTER FLAT CAR . . .



No. 88 "SAFETY FIRST" TRANSFORMER - 100

Wetts, 60 Cycles . . .

It is achdoodle to how the higher wattage transformer to provide for future train set additions

NEW! No. 15 "SAFFTY FIRST" Must be used for Directorale CAPACITY - 4 AMPERES









## MODEL ROLLING STOCK and ACTION CARS



Duable track sickel journal boson. Sed or



No. 627 GIRDER CAR . . .





Automatic Action!



No. 718 MAIL PICK-UP AND DISCHARGING CAR Anchedes special track section.



No. 628 LOG CAR Nos books wheel and six resiliets lays.



Automatic Action!





control box.



No 422 BOY CAR





No. 652 PULLMAN



No. 653 BAGGAGE AND

CLUB CAR with light . . .









No. 752 AUTOMATIC SEABOARD COALER . . . Bucket drops to coal rile - tows open and then howed to top of tower, dumping cool into chute leading to car below. Remote con-



No. 751 AUTOMATIC LOG LOADER . . .

Elevator lifts log to overhead conveyor, which Grahe up load at steel by powerful electro magnet — hotels it high in the air — swings carries it underneath roof to end of arms and over cor - lowers - and drops metal into two remote control push buttons. Size 8% x 11% x 11%. car. Every movement controlled by remote control. Size 11" x 4" x 6".



No. 583 ELECTROMATIC CRANE . . .

# EQUIPMENT FOR 3/16" SYSTEMS

(Also suitable for use with "O" gauge system)

American Flyer

- \* Sensational Action
- \* Remote or Automatic Control
- \* True-to-Life Design
- \* Einished in Brilliant Colors
- \* All Units Built to Uniform Scale for Vivid Picturesque Realism
  - No. 25 SMOKE CARTRIDGES For twoductor rank smoke is locomotives in trains Nos. 4801A, 4803A, 4607A, 4609A, 4611A,

4613A, 4619A, 4620A, 4615, 4617, 4618, 4621, HO-142, HO-141, In boxes of 12 cortridges. Keep a supply on band.





BULBS - ALWAYS HAVE EXTRAS ON HAND Lemma are used as follows: No. 440 and 450 to all Leconstive









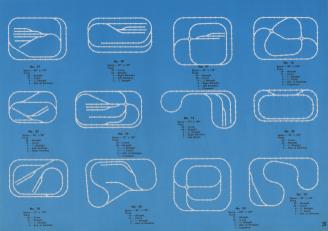




New York-Philadelphia - Chicago - and all points West



# AMERICAN FLYER TRACK LAYOUTS The fun and realism of operating a scale model rail-Proces American Plane torin and includes amounts straight and curved track sections to make a single For example, only one switch and several straight gwgya-crowling into sidings and performing other Why not odd a certain number of track sections each



## AMERICAN FLYER Tracks-Switches-Track Controls for exciting realistic action

#### AUTOMATIC BLOCK SIGNAL SYSTEM makes trains stop and ao as linkts flash red and green

When speculary two busine on single trock, alonel system green, and rear train outs

No. 450 TRACK No. 491 19 STEEL TRACK PINS . . .



NEW DOLIBLE-ACTION DEMOTE CONTROL SWITCHES A sensational American Flyer development

is open. A collision seems certain. But . . .

#### AUTOMATIC COURIERS AND ELECTRIC LINCOURLING

Uncouple cars instantly by pressing remote control button





STRANSIT TRACK A W.



rect signal system. Degles con truck without double of redistron.



#### AMERICAN FLYER "HO" TRU-MODEL

#### Trains and Equipment

- \* New Directronic Propulsion
- \* Built to Scale from Railroad
- Blueprints + "Choo-Choo" + Paul Smoke
- \* Superpower Worm Drive \* Two-Rail Track on Realistic

Bakelite Roadhed



AND TENDER-14" LONG Propulsion Locomotive with Alnico valve levers and piston rods, Lucite



PO 140 3. CAR "HOTSHOT" FREIGHT TRAIN - 31" LONG tive, "Chee-Chee," Real Smoke

Thrilling Tru-Model freight train. Directronic Propulsion Locomotive fiel consists at 1 MO-151 N.Y.C. Harlam type (4-6-4) D.C. Lacomotive and Tander. 19 box; 1 MO-152 "Leitigh N.E." Combin. Green: 1 MO-152 "Merchania Barnarel" Car. Wiles and Tracas Red. (1 MO-151 Harmined Calcone with results, and safe and indices 12 Fig. Section 100-201 curved took (under 100" circle) Tank Taranasi.

ND 141 3 GAR "NOTSHOT" PASSENGER TRAIN - 42" LONG. Some on obove except it has 1 Boronge and



HO-DAY STRAIGHT TRACK, 8" Long

NO-150 TRACK TERMINAL



















Hello Bous!

Frector is the world's greatest toy - crammed with real engineering

features. Builds both construction models and engineering models.

own hands you fit the gleaning steel girders together - ottach the ringing for the four 'chutes - and install Now for a sensational sight! Throw the engine into gear . . . and your parachutes are hoisted up and up until they strike the release mechanism. Then, like

Now get a load of that mighty Perris Wheel. He offin either direction of high or low speed You can build hundreds of spectoculor mechanical set contoins so many different posts and moless so money different models. And how the Proper severates

engine mokes them here with octon.

THE A. C. GURERT COMPANY Brecter Smanne New Haven Corn., U.S.A.

