

World War II, and progressing to the Jet Age, Model Airplane News has been there, applauding the technological innovations in the modeling world and helping readers achieve their dreams of flight.



# **Leading the Way**

**OF MAJOR IMPORTANCE** to the development and growth of *Model Airplane*News over the years have been the various people who have served as its editor.
Many famous modelers and model aviation insiders have held this position at one time or another, and their tremendous skills molded *Model Airplane News* into the fine publication that it is today. On this, our 90th anniversary, we'd like to pay tribute to a few of these important and talented individuals.

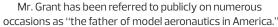


# George Campbell Johnson

As owner, publisher, and founding editor of *Model Air-plane News*, George Johnson (grandfather of present-day publisher, Louis V. DeFrancesco Jr.) is arguably the most important figure in its illustrious 90-year history. Keep in mind that in 1929 the entire world of full-scale aviation had been in existence for less than 30 years. In the beginning, model aircraft consisted primarily of gliders and rubber-band-powered (twisting strands of strip rubber!) models. Model designs were generally scale or at least influenced by full-scale aircraft. This was a humble beginning for the model-aircraft hobby but still an important start. As long as full-scale aviation continued to grow, so did the desire to build and fly model airplanes. That was the dream Johnson pursued.

# **Charles Hampson Grant**

In 1932, Johnson hired Charles Hampson Grant to direct the editorial content and policies of *Model Airplane News*, and he remained in that position until 1943. Charles Grant manned the helm through some very important growth years for the magazine. During that period, modelers were introduced to their first gasoline-fueled miniature aircraft engine (the Brown Jr.). As a result of this new power source, new types of model aircraft were developed, including free-flight models and U-control (also known as control line). Later in that same decade, we saw the beginning of modern-day, radio-control models. At this point, the broadcast radio industry was only in its infancy!





#### **Howard McEntee**

From 1945 through 1950, Howard McEntee, a popular modeler from New Jersey, held the reins at *Model Airplane News*. In this postwar period, Howard helped influence the rapid growth of practical radio–control aircraft for the average modeler. He set the stage by publishing a variety of radio–equipment construction articles and how–tos that detailed general radio techniques.

In addition to the major advances in radio control, this same period brought us Ray Arden's wonderful invention:



the glow plug. This tiny component essentially replaced gasoline–ignition engines with a simple, easy, and lightweight form of model–aircraft power. Tiny engines such as the K&B Infant .020 soon followed, and just as quickly, the pages of *Model Airplane News* became flooded with design and construction articles for models using 1/2A power. Howard McEntee made a name for himself in this new class of power with several designs for micro–size RC models.











#### **Bill Winter**

From 1951 until 1960, another famous modeler took on the role of editor of *Model Airplane News:* Bill Winter. Bill was a true model designer, builder, and flier. He created the monthly editorial column known as M.A.N. At Work, which became a staple of the magazine for many years. During Bill's tenure,



the FCC authorized the use of 27.255MHz as a radiocontrol channel on the then–new citizens band. That's when we saw RC really take off. This was the first time a modeler could build and fly RC with only a permit, instead of a ham–radio license. *Model Airplane News* quickly took the lead in this area by publishing articles on how to construct much of the initial 27.255MHz RC equipment. The famous Lorenz Two–Tube receiver appeared in the February 1953 issue. This was a landmark RC accomplishment that took the average RC pilot of that time out of the dark ages and into the world of simple and reliable radio control.

#### **Walt Schroder**

A vocal, influential, and hardworking modelaircraft enthusiast, Walt Schroder succeeded Bill Winter as editor. He held that position from 1960 until 1970, when he moved up to become the president and publisher of Air Age (its parent company). While Walt was editor, the radio-control



facet of the hobby took a quantum leap forward with the advent of modern digital proportional control as pioneered by such companies as Kraft Systems, Orbit, Heathkit, Micro-Avionics, EK-Logictrol, Cannon, World Engines, and others. These modern radio-control systems allowed simultaneous and proportional control of the ailerons, elevator, rudder, and throttle functions. Along with these advances came the rise in popularity of the new nickel-cadmium (Ni-Cd) batteries that permitted us to operate radio systems for long periods of time. We could then quickly recharge them, and they did not have to be discarded for many years.

# AD CLASSICS

# Cleveland Model Supply Co.

Founded in 1926, the Cleveland Model Supply Co. has been with Model Airplane News longer than any other company. An ad for Cleveland Model Supply first appeared in the December 1929 issue of Model Airplane News, and one can still be found within these pages today.



BOY! Could you wish to own a better flying mode than this neat 3 foot tractor? It climbs to 150 feet and flies from 60 to 240 seconds Just think what Christma morning will be like with a kit to build this big model, it

Tell the folks you'd like to own one. Let them surprise you for the small cost of one dollar fifty cents. We'll ship it immediately via express, charges "collect."

Perhaps you will prefer the attractive little 14 inch "Cleveland Wasp" kit. This indoor model has 120 seconds duration to its credit and it is capable of doing better.

After you've built it you'l get a trill to see how well it flies every time you release the propeller and let it hop-off And then, those 3-point land ings—well—wait till you built your Cleveland Wasp, the you can tell us how it performs The complete kit will be mailee postpaid anywhere in the U

We do not accept stamps or C.O.D. orders.



We have other models and supplies too! If you wish to be placed on the mailing list for our new 16 page catalog and additions later, send a dime with your name and

> Dealers list 35c, returnable on your first \$5,00 order—or write is on your business letterhead. Gleveland Blue Dismond' models and supplies are in de-

Cleveland Model & Supply Co. MODEL ENGINEERS 1866N West 57th Street, Cleveland, Ohio

# **Art Schroeder**

When Walt Shroder was promoted to president and publisher in 1970, he hired Art Schroeder to take on the role of editor. A recently retired school superintendent and an experienced model–aircraft designer, builder, and flier, Art went on to serve three stints as editor, ending in 1984. During the '70s, Art encouraged the building and flying of larger models (1/4 scale and up) powered by converted chain–saw gasoline engines and the large–scale engines that were designed specifically for hobby use that soon followed. Flying 20– to 50–pound RC models is commonplace today.

In the mid-'70s, Art and Walt joined forces with Bill Bennett, a dedicated hobby enthusiast and owner of the Circus Circus Hotel in Las Vegas, Nevada, to establish the now-famous annual Tournament of Champions (TOC). The large-scale models that competed in TOC every year brought much publicity to the hobby and sport of model aviation.

In 1979, Art and Walt collaborated on a series of articles that instructed modelers on how to build their own digital proportional RC system (the Blue Max). It was a tremendous effort and one that introduced many people to the inner workings of the RC hobby.

A careful observer will also note that electric flight began to emerge during Art's reign. Modern electric motors and constantly improving battery technology have made this into a hobby all its own. Today's electric planes range in size from 1/4 scale down to 1-ounce indoor RC models.















# MODEL AIRPLANE NEWS FIRSTS

# Model Airplane News a national security risk?

Planes Worth Modeling—LOCKHEED U-2

Mystery plane? Built for flight at high athtedes, this amoning craft has been service flown in both singland and as the Continual-according to feedign magnities. Speculation milde, makes a rare project.



Holy smoke! Model Airplane News and the CIA? In the March 1958 issue, a scale 3-view drawing by Bjorn Karlstroan of the super-secret Lockheed U-2 spy plane was featured in the Planes Worth Modeling column. This was long before Francis Gary Powers was shot down (May 1, 1960), and the government was forced to admit that the U-2 aircraft actually existed. Hmm. The Model Airplane News article observed: "An unconfirmed rumor says that U-2s are flying across the Iron Curtain taking aerial photographs." It is said that government officials investigating the release of classified information visited the Model Airplane News offices on 5th Avenue in New York City.

# AD CLASSICS

# Comet Model Airplane & Supply

The name "Comet Model Airplane & Supply Co." may not sound familiar to our younger readers, but we'd be willing to bet that the name Carl Goldberg certainly does. Comet, maker of some of the best rubber-powered



scale models ever produced, is where it all began for Carl. This ad, one of its earliest, appeared in the December 1930 issue of *Model Airplane News*.



During the World War II, Model Airplane News

by placing itself in the forefront of the efforts

here at home with countless tributes to the

American spirit. The covers that topped the

1945 featured some of the latest innovations

in combat aviation and awe-inspiring patriotic

themes that embodied the pride of a nation.

lent its steadfast support to war efforts overseas

pages of Model Airplane News between 1941 and













# **Construction Classics**

MANY FAMOUS DESIGNS have been featured on these pages; most notable are those of the 1950s and '60s, which featured incredible developments in almost every facet of the industry. These allowed the average modeler the opportunity to build and fly the same models as the experts. With that said, the following are what I consider to be some of the most memorable model designs in the history of Model Airplane News. This is by no means intended to be a comprehensive list-just a few highlights to set you adrift down memory lane.-Nick Ziroli, Sr.

Over the years, *Model* Airplane News readers have been privy to many interesting and significant model designs in the form of construction articles. As a devoted, longtime reader, I continue to look forward to the magazine's arrival each month, eager to set my sights on the newest design feature. From free-flight and controlline to RC models, the pages of Model Airplane *News* have not only kept pace with the evolutions of the hobby but also led the way.



# KG Old Faithful

Designed and built by Joe Kovel and Charles Grant, this free-flight gas model appeared in the April and May 1935 issues of Model Airplane News. In August 1935, the Old Faithful set a world endurance record of 64 minutes and 40 seconds.



# Rudder Bug

The brainchild of Walt Good, who is considered by many to be a founding father of model aviation, the Rudder Bug was one of the earliest models designed strictly for RC pattern flying. It was so successful that it was later kitted

by Berkeley Models as the "Royal Rudder Bug."

# **Nobler**

Appearing in the June and July 1952 issues of *Model* Airplane News, the Nobler was a trendsetting controlline stunt model. Designed by George Aldrich, the Nobler won the 1952 Plymouth Nats and nearly took home top

honors in the '52 Nationals. The Nobler was the first larger, heavier model to make good use of flaps, setting a design standard that is still followed today. An RC version was later kitted by Top Flite.















# **Smog Hog**

The February 1957 issue of Model Airplane News featured the R. E. Bowendesigned Smog Hog. The 3-channel, high-wing RC pattern plane was highly aerobatic and took home top honors at the '56 Nationals. The 74.5-inchwingspan plane required a .19 to .35 engine for power and was among the most popular models of its day.



# the Smog Hog

# Satellite 600

In January 1959, Robert Hunter let us in on the design intricacies of his Satellite 600—a free-flight gas model that took many trophies from the '58 Nationals. Over the years, the Satellite 600 has been built in many sizes, covering just about every free-flight class, and it remains a popular design today.



# AD CLASSICS



#### Guillows

"Guillows" is a name that needs no introduction. It's one many modelers have come to know and trust as the source of some of the most popular kits produced over the last 75 years. Well-known for their classic designs, the folks at Guillows are still hard at work today laser cutting some of their most famous WW I kits. This is the first Guillows ad ever to grace the pages of Model Airplane News. It appeared in the February 1933 issue.



#### America's Hobby Center

If, over the past 50 years or so, you've ordered from a modeling catalog, chances are that you're familiar with American Hobby Center-it remains one of the most well-known names in the industry today. This is its first ad, which appeared in the November 1945 issue of Model Airplane News.

# Kwik-Fli Mk. III

Arguably one of the most popular pattern models ever published, the Kwik-Fli Mk. III first appeared in the February 1968 issue of Model Airplane News. Originally designed by Phil Kraft, the 60-inch-wingspan RC pattern plane featured a functional design and simple construction, which won many contests around the world. Later kitted by Top Flite, the Kwik-Fli Mk. III remains a popular and often-copied model.















# Construction Classics

#### **Taurus**

Considered the model to beat in the early '60s, Ed Kazmirski's Taurus was the featured construction article in the January 1963 issue of Model Airplane News. The Taurus featured an extremely thick, 19 percent wing that helped it maintain a constant speed, and its extra-long fuselage smoothed the beeped reedcontrol inputs. Powered by a .45 engine, the 70-inchwingspan model was one of



the first to incorporate strip ailerons, and it later became a Top Flite kit.



# **Bob Cat**

One of the most notoriously popular models ever to appear in the pages of *Model* Airplane News, the Bob Cat was a world-class pylon racer designed by Bob Violett. The Fédération Aéronautique Internationale record holder first appeared in the February 1973 issue of Model Airplane News.



# AD CLASSICS

#### Midwest Model Aircraft Co.

The very first ad for Midwest Model Aircraft Co. appeared in the May 1950 issue. It featured two control-line models and represented the start of a long-standing relationship between the company and our magazine. Today, Midwest not only is one of our longest running advertisers but also stands as a leader in the modelmanufacturing field.













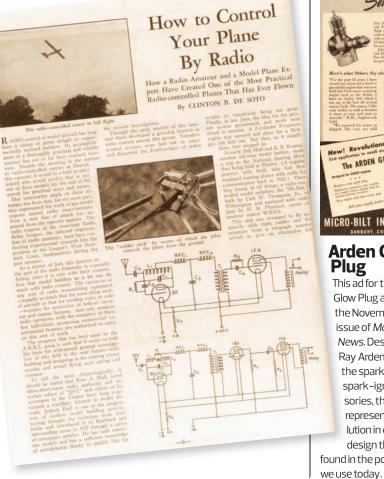




# **Groundbreakers**

# Arrival of Radio Control

Appearing in the January 1938 issue, this is one of the first articles that detailed the growing concept of radio control and how to equip a model airplane with the new technology.





# **Arden Glow** Plug

This ad for the Arden Glow Plug appeared in the November 1947 issue of Model Airplane News. Designed by Ray Arden to replace the spark plug and spark-ignition accessories, the glow plug represented a revolution in engine design that is still found in the powerplants



# K&B Infant .020 Glow Engine

This tiny powerplant ignited the 1/2A revolution that allowed modelers to build smaller, less expensive gas models. The Baby Spitfire .045 and the OK Cub .049 quickly followed the Infant into production. First word of this breakthrough came via this ad in the January 1949 issue of Model Airplane News.

# The Age of Proportional Control

Written by E. L. Rockwood, this article introduced

the modeling world to the Reed selector radio, which is considered the precursor to the modern concept of proportional control. It appeared in our August 1949 issue.

















# FCC-Approved Citizen-Ship Radio

Vernon C. McNabb's ad for its one–of–a–kind Citizen–Ship radio first appeared in the pages of *Model Airplane News* in November 1950. The first FCC–approved radio system, the Citizen–Ship operated on 465 megacycles—no operator's license required. This marked the beginning of the race to RC.



# Introducing...Ni-Cd Batteries

This installment of Ed Lorenz's long-running and popular column, Radio Control News, appeared in the December 1959 issue of *Model Airplane News.* In it, Ed introduced us to a brand-new battery technology from Burgess: Ni–Cd. And of course, for the next four decades, these cells would remain integral to our hobby.



# **Space Control Proportional RC**

This ad, which appeared in the December 1961 issue, marked one of the most important breakthroughs in the history of radio control. The Space Control was the first commercially available, fully proportional RC system. Many fliers cut their RC teeth on the Space Control radio system. It opened the proverbial floodgates, and many manufacturers soon followed.

# MODEL AIRPLANE NEWS FIRSTS

# First Slick Paper and Color Page

Having an entirely new and more professional look and feel, the July 1970 issue was the first issue to feature "slick" glossy paper. And with this change came the introduction to the first full-color feature page of print.



Although several major advertisers had full-color ads on the inside and back inside cover pages and some two-color ads were previously featured, the Radio Control table of contents page was the first feature portion of the magazine to be elevated to four-color status. On that page was a photo of Ed Sweeney's VooDoo RC combat ship powered by a Veco .19. Originally a U-control model, Ed's VooDoo was converted to RC and equipped with Orbit 6-12 equipment.

# AD CLASSICS

# **SIG Manufacturing Co.**

The first ad for SIG Manufacturing to appear in Model Airplane News hit the newsstands in the March 1952 issue. In it, SIG offered balsa wood; today, SIG produces some of the highest-

quality ARF planes and kits on the market of every make, model, and style imaginable.

















# **Groundbreakers**

# **Retractable Gears Have Arrived**

Recognize this one? When this article first appeared in the November 1962 issue, the concept of retractable landing gear was certainly not new. But Hal deBolt's idea to adapt

it for use on an RC aircraft by incorporating a servo certainly was. In fact, the gear introduced here was the first of its kind!





#### **MonoKote**

This ad, which first appeared in our April 1966 issue, marked a watershed of sorts in the modeling community. The introduction of MonoKote meant that paint was no longer a modeler's sole finishing option. Originally available in six colors, this heat-shrinkable Mylar plastic quickly exploded in popularity. Today, one would be hardpressed to find a modeler who hasn't used MonoKote.



## CA Glue Intro

The introduction of cyanoacrylate adhesive, in this New Items column from the September 1973 issue, marked a revolution in the modeling industry. Locktite's SuperBonder quickly became the preferred method for joining airplane parts and allowed pilots to make quick field repairs.

#### E-Power Motors

ANNOUNCING. . . . . from

Ushering in the age of electric-powered flight, this ad from AstroFlight appeared in the November 1972 issue of Model Airplane News. The concept was fittingly dubbed "the guiet revolution," and 30 years later, the revolution continues.



# **Brushless** Revolution

It's hard to believe, but it has been 10 years since

brushless motor technology was first brought to our attention. This March 1993 installment of Air Scoop introduced us to the Aveox brushless motor, which promised to provide both improved efficiency and performance. Combined with modern lithium-polymer (LiPo) batteries, the performance capability of brushless technology is rapidly approaching that of many internal-combustion engines.















# MODEL AIRPLANE NEWS FIRSTS

# First Tournament of Champions

In its 45th year of publication, Model Airplane News, along with the Circus Circus casino, cosponsored and reported on the first international Tournament of Champions (TOC) aerobatic competition. In his March 1975 RC News column, Art Schroeder introduced the nowfamous Las Vegas-based event. Walt Schroder (then Model Airplane News publisher) and Circus Circus president Bill Bennett formulated the basic format in the fall of 1974. In its initial incarnation, the TOC was an FAI Class D pattern event that drew 32 international contestants (21 from the USA) for a shot at the \$11,000 prize purse. Together with the contest director Jerry Nelson, chief judge Jim "Doc" Edwards, and the host organization, the Las Vegas RC Club, Walt and Bill set the standard for aerobatic excellence that lasted until 2002, for a total of 18 championships. Who was the winner? Hanno Prettner from Austria with his Super Sicoroly (featured on the cover).



# The First 2.4GHz Aircraft Radio

It's hard to believe, but all the RC aircraft radios we now use and love got their start only 12 years ago. First reviewed in our March 2006 issue, the first airplane radio operating with a 2.4GHz modulation was the DX6 from Spektrum. In development for several years, Spektrum's optimized DSM system used direct sequence spread spectrum (DSSS) technology, which had been well proven with competitive RC car racing. Unlike the then-current 27MHz and 75MHz narrowband systems, DSSS generated a wideband signal on a single frequency, and the signal information was encoded with a globally unique identification (GUID) number so that the receiver could recognize only the information sent from its specific transmitter. With more than 4.2 billion GUID codes available, it was—and still is—virtually impossible for the receiver to be affected by anything other than its specifically mated transmitter.

We were amazed by the Spektrum DSM system as it operated in the ultra-high 2.4GHz band and offered several advantages over previous systems. Typical radio interference that is generated by electric motors, speed controls, and metal-to-metal noise is below the 300MHz range, and with the new Spektrum radio transmitting 2.4GHz (2,400MHz), its frequency range was—and still is—eight times higher than any model-generated radio-frequency noise. The radio couldn't "see" the noise, so it was immune to that interference. The DSM system also isolated the receiver from other outside high-frequency interference sources, such as cell phones, pagers, and wireless computer systems.

The many features included with the Spektrum DX6 were also cutting edge for the time, and it led the way for many of the now-well-known and popular radio systems that carry the Spektrum brand name today.















# MODEL AIRPLANE NEWS

# First All-RC Issue

Devoting itself to
the continuing development of radiocontrol modeling, the
September 1984 issue
of Model Airplane
News sports a subtle
but significant change
on its cover. The famous
Model Airplane News



subtitle, "The World's Premier Model Magazine," becomes—for the first time—"The World's Premier R/C Modeling Magazine." Although the last free-flight VTO column by Dave Linstrum is featured in the issue, the die was cast, and all future issues were dedicated exclusively to RC modeling.

# AD CLASSICS

#### JR

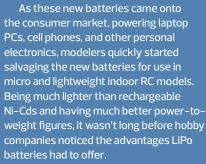
The RC world was first introduced to JR radios in this February 1991 ad, and let's face it, we've been hooked ever since!





# LiPo Battery Packs

Cells of lithium polymer, more commonly referred to as "LiPo," are one of the hobby developments that drastically changed how we flew electric-powered RC airplanes. Even though there were a lot of concerns in the beginning regarding cell life and safety, LiPos eventually replaced the standard rechargeable nickel-cadmium (Ni-Cd) and nickel metal hydride (NiMH) batteries. Extensive research in the 1980s led to lithium-based cells, which were first used in the personal electronics industry. In 1991, Sony was the first company to introduce commercial cylindrical lithiumion (Li-lon) cells. LiPos quickly followed the development of Li-lon and other lithiummetal-based battery cells.



Of course, having LiPo batteries also meant that modelers were in need of newer, specialized chargers to take care of the new types of batteries. In the late 1990s, Magellan Technologies was one of the first companies to offer an easy-to-use charger. Today, there is an endless supply of LiPo brands offering packs in all capacities, voltage levels, and cell counts.























# **Written History**



# On the Frontiers of Aviation

By ROBERT C. MORRISON

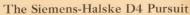


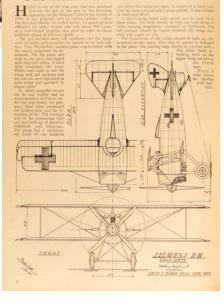




# On the Frontiers of **Aviation**

Written by Robert C. Morrison, On the Frontiers of Aviation appeared within the pages of Model Airplane News from January 1934 to November 1941. The long-running series presented new developments in every facet of flight.





# The Waco Taper Wing Model 220

# **William Wylam Drawings**

First published in 1933, William Wylam's many outstanding scale drawings were a popular feature of Model Airplane News for many years and were even rerun in the 1960s. Among his most noteworthy drawings were multi-issue features of such popular aircraft as the Stinsons, the Beechcraft D-17 Staggerwing, and Lockheed Vega series.

#### **Gas Lines**

One of the earliest specialty columns, Gas Lines first appeared in the February 1936 issue of Model Airplane News. Because gasengine technology was still in its infancy, modelers eagerly soaked up every ounce of information



that this column provided. Gas Lines was a trusted source for gas-engine-operation information until it was discontinued in 1942.

# Willis Nye 3-View **Drawings** The beautiful 3-view drawings

by Willis Nye also premiered in 1933. Later produced by various artists, such 3-view drawings later became the enormously popular Planes Worth Modeling column-a staple of Model Airplane News for many years to come.





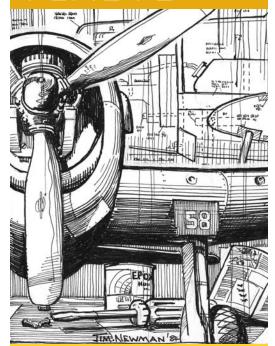








# MODEL AIRPLANE NEWS



# **Hints & Kinks by Jim Newman**

From my files, it appears that my first Hints & Kinks column appeared in the June 1975 issue. The column grew from a visit Walt Shroder paid to Carl Goldberg Models in early 1971, while I was working there. Walt asked if I would be going to the '71 Nats at Glenview, and I replied that I would be competing in FAI Free Flight. (Now that's a story in itself.) Walt then asked me if I would be prepared to cover the event with a sort of "roving sketchbook." I agreed, and after the Nats, a few pages of my sketchescomplete with fake spring binding down the gutter-appeared in the magazine. I really loved his presentation. I'm sure that I have every page from that day on. From that Sketch Book sprang Hints & Kinks. Throughout the early '70s, I illustrated numerous articles for Model Airplane News, American Aircraft Modeler, and RC Modeler before Walt finally brought me aboard Model Airplane News. My last column was published in the May 2001 issue. That's 26 years. Wow!-Jim Newman

# **Elements of Model Plane Radio Control**

Information on the budding technology of radio control first appeared in the May 1939 issue of *Model Airplane News*. Authored by Howard McEntee, the Elements of Model Plane Radio Control column was the first to begin to depict a revolution of sorts in the modeling world. It was succeeded in September 1953 by Radio Control News, when Ed Lorenz took on the task of reporting on the many breakthroughs in this new and fascinating facet of the hobby. In January 1965, Radio Control News

took on a life all its own and was transformed into an entirely separate section of *Model Airplane News* that featured articles on everything from plans and new products to breakthrough technologies.





# Scrap Box and M.A.N. At Work

Over the years, the *Model Airplane News* editorial column has appeared under several different titles, the most memorable of which were Scrap Box and M.A.N. At Work. Written by Bill Winter, the editorial column ran under the title Scrap Box from April 1949 through January 1951, but it became the now-legendary M.A.N. At Work upon Bill's promotion to editor. The column remained under this heading through the reigns of Walt Schroder and Art Schroeder, until it was changed once again in March 1979.

# Simpl-Simul

John Worth's three-part series, Simpl-Simul, appeared in the July, August, and September 1958 issues of Model Airplane News. Considered revolutionary at the time, the Simpl-Simul system allowed simultaneous and proportional elevator and rudder control.

















# **Written History**

# **VTO**

Authored by Richard Miller, Dick Black, and Dave Linstrum, VTO ran from March 1962 to February 1979. A series of articles that detailed the many facets of free-flight models, the VTO column later became



Free Flight News and was authored by Linstrum.

## **Round and Round**

Started by Bill Winter in 1962, Round and Round introduced readers to the latest news and developments in the control-line world. The column ran through June 1966 and featured a number of authors



over the years, including Peter Soule, Bill Netzeband, Jim Daves, and Phil Granderson. In March 1975, Harry Higley's name began to appear at the top, and in 1979, the title was changed to Control Line News. It ran as such until it was discontinued in April 1981.

# The Academy of Model Aeronautics

Before the Academy of Model
Aeronautics (AMA), modelers had to
belong to a variety of organizations,
including the Junior Air League, the
Junior Aviation League, and the Junior
NAA (the model-airplane branch of
the National Aeronautic Association).
Although the Junior NAA sponsored
the first National Aeromodeling
Championships (referred to as the
"Nats") in 1923, the idea for the AMA
began in 1935. Interested in forming a
self-governing body, modelers wanted
a single voice to develop national rules



for contests and to speak to the government. In 1936, the AMA was located in the RCA Building, Rockefeller Center, in New York City. Later that year, the AMA headquarters moved to Washington, D.C., as part of the National Aeronautic Association. In 1940, the AMA moved its offices to the Willard Hotel in Washington, D.C., and this was the first time that the AMA had separate offices from the NAA, along with its own budget and officers. It wasn't until 1966, however, that the AMA became a fully independent organization.

In 1979, the AMA purchased property in Reston, Virginia, just outside of Washington, D.C., to build a new AMA headquarters and the National Model Aviation Museum, which officially opened on September 24, 1983. Soon after, the AMA began looking for a location for a national flying site, and in 1992, a location in Muncie, Indiana, was chosen. Two years later, after moving the AMA collection from Virginia to its new site in Indiana, the museum reopened to the public. The new Frank V. Ehling Complex not only housed the museum but also the Lee Renaud Memorial Library as well as the AMA headquarters. The AMA eventually outgrew the building, and so in 2001, a new AMA headquarters building was opened for business, housing all the administrative offices.















# TOP GUN



In our 60th year of publication, we covered the very first Top Gun in Coral Springs, Florida. Created by Frank Tiano, the event, attracted 40 of the country's best scale contestants and was sponsored by *Model Airplane News* and Pacer Technology/Zap Glue. Since 2002, the invitational has enjoyed the unrestricted flying area and manicured runway amenities of Paradise Field at the Lakeland Linder International Airport in Florida.

Since its inception, Top Gun has been the

venue for many RC scale modeling "firsts." Foremost among these is the fact that it was the first invitational scale competition ever in RC history. It was also the first scale competition to feature a turbine–powered model. And the category of Team Scale, which combines the building/finishing talents of one modeler with the flying skills of another, was also pioneered here.

A more recent addition is the Pro-Am competition classes, which allow new participants with a strong interest in scale to compete. To accommodate the ever-changing dynamic of the event, the Unlimited category was started in 2012. These "team" models push the limits in size and the wow factor. In 2016, Top Gun added the X class for almost-ready-to-fly models, which allowed them to be weathered but not repainted, and in 2018, the Young Guns class was created so that pilots under the age of 18 could be in on the action.

So as the models and pilots have continued to develop and evolve, so has the event itself. And after three decades of continued popularity, no one can argue with its success.





















# Editors' Choice Awards

Our Editors' Choice Awards, which debuted at the 2010 RCX and Model Airplane News Expo, have always been highly prized by companies in the RC industry. Intended to recognize and highlight the best of the best. our first Editors' Choice Awards included plane, helicopter, radio, engine, and innovation categories, and they have changed with the times to also include a drone category. When a product is advertised as being a Model Airplane News Editors' Choice Award winner, you know it's something special.

# The Rise of Horizon Hobby

Founder Rick Stephens, along with a handful of his family and industry professionals, opened Horizon Hobby for business in October 1985. Enjoying positive growth, a second distribution center soon followed and was opened in Paso Robles, California, so Horizon could service retailers west of the Rockies. In the early 1990s, Horizon acquired Hobby Dynamics and started to gain exclusive distribution rights for several other premier RC brands, including JR Remote Control. By 1998, using the Internet and e-commerce, Horizon started reaching out directly to hobby consumers and acquired catalog retailer Indy RC. By 2000, Horizon debuted the Hobby Zone Firebird to launch the popular teach-yourself-to-fly category. A valued industry partner, Horizon had been advertising several of its exclusive brands, such as JR, MDS, Hangar 9, Saito, and Zenoah, in Model Airplane News for many years, and it was in our January and February 2000 issues that the brand really kicked into high gear. These multiplepage ads proudly told the hobby industry that

Indy RC would now be known as Horizon Hobby. In 2014, Horizon became an LLC and began a new chapter with new ownership led by CEO Joe Ambrose and a group of investors. This new ownership structure positioned Horizon for positive future growth. Early in 2018, rival company Hobbico filed for Chapter 11 bankruptcy protection, and by June, it filed for Chapter 7. In April, the bankruptcy court approved Horizon Hobby's purchase of Hobbico. Following the purchase, Horizon began to distribute several of the Hobbico brands, including Axial, Arrma, Dromida, Great Planes, Real Flight, Top Flite, and Tower Hobbies. Although merging several product lines from both companies has proven to be a challenge, the transition has gone smoothly,

and today, Horizon Hobby is the largest RC hobby

distribution company in the United States.



Our early issues were filled with rubber-powered, free-flight models, and over the years, they progressed to cover radio control and gas/glow power on to turbine jets and electrics that dominate the flying field today.

Model Airplane News is extremely proud to still be here, 90 years later, celebrating this thrilling and rewarding hobby. The editors and staff thank you, our readers, for your loyalty and enthusiastic support. Here's to another 90 years aloft! ±











