

SIG[®]



CATALOG



Standing, left to right: Herb Rizzo, SIG owner; Mike Stott, SIG R&D; airshow pilot Erik Edgren, owner of the full-scale T-CLIPS; Mike Gretz, SIG R&D; Ron Petterec, SIG owner. Seated: Hazel Sig holding the new SIG T-CLIPS R/C model.

To Our Valued Customers and Friends:

This is a very exciting time to be a hobbyist as advances in technology occur daily and we at SIG are striving to maintain only the highest quality of materials, and also present to our customers innovative ideas such as our "EG" (Electric Glow/Gas) series of airplanes, which offer the hobbyist the choice of propulsion systems that make it easy for the modeler to install either electric motors or glow/gas engines without major modification to their aircraft.

As SIG continues to move forward, we will be introducing new and exciting designs both in the Almost-Ready-to-Fly market along with the kit market.

This new SIG catalog is the first full line catalog we have had in a number of years. You may notice that while it is being presented in 2013, it is not dated. We have done this in order to keep the SIG catalog current and dynamic. So please check back at our website (SIGmfg.com) often as we will be making changes to the catalog as new products are developed and introduced to the market place. The new SIG catalog also gives you the ability to print the catalog in its entirety or just print pages of interest.


As you look through the SIG catalog you will also notice that we continue to offer our AAA Balsa Wood, Champion Fuels, and SIG Hardware, as well as the industries best paints, dopes, and covering.

All of us at SIG thank you for your continued support and hope you enjoy the new catalog. We look forward to serving your modeling needs either through your local dealer, on our web site, or contacting us directly by telephone.

Please be sure to check back often for our latest offerings and don't forget to visit us on Facebook!

Herb Rizzo
President

PLEASE CONSIDER JOINING THE



AMA
ACADEMY OF
MODEL AERONAUTICS

ACADEMY OF MODEL AERONAUTICS (AMA)

We urge you to consider joining the AMA to help support the sport of model aviation. The AMA is the chief regulating body of all model aviation activity in the United States. It provides important rules and regulations for the safe operation of model aircraft and flying sites in this country. Membership in the AMA includes a one-year subscription to MODEL AVIATION, a monthly magazine which provides in-depth coverage of all aspects of model airplane building and flying. Membership also provides you with important liability insurance protection, special discount offers on hobby supplies, and many other attractive benefits. You will find that AMA membership is mandatory at most model airplane club flying fields and at all AMA sanctioned fly-ins and competitions.

For further information about AMA membership and programs, please write to the following address:

ACADEMY OF MODEL AERONAUTICS
5151 East Memorial Drive
Muncie, Indiana 47302
PH: 1-800-1-FLY-AMA • FAX: (765) 289-4248





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- ALL PRODUCTS HAVE BEEN CLASSIFIED INTO THE SECTIONS LISTED ON THIS PAGE.
- THESE SECTIONS ARE TABULATED IN THE CATALOG FOR EASY IDENTIFICATION.
- INDIVIDUAL PRODUCTS ARE IDENTIFIED BY SECTION AND PAGE NUMBER IN THE CATALOG INDEX.

* updated on 6/24/14





CUSTOMER INFORMATION

ORDERING INSTRUCTIONS. . .

You can place an order by mail, using the convenient order blank included with this catalog, or by phone using our toll-free 800-247-5008 number. **All orders, regardless of size or complexity, are handled with the same degree of importance and attention to detail.** The more complete the information you provide to us at the time you place your order, the faster and more accurately your order can be filled. **It is most important that you list the Quantity, the Product Code Number, and a Description of each item that you require.** Also, please give us your full name and shipping address. The order blank has a space for this information, and providing it will speed your order considerably.

PAYMENT METHODS. . .

Prepayment: Please use check or money order. (US Funds only).
Credit Card: We accept Visa, Mastercard, or Discover. There is no surcharge added for credit card use. Please be sure and include a daytime phone number for faster processing.

SHIPPING & HANDLING. . .

Orders that total under \$25.00, add \$14.95 for shipping and handling. Orders that total between \$25.00 to \$149.99, add \$9.95 for shipping and handling. Orders that total \$150.00 or more are shipped FREE. Standard shipping is via basic delivery US Postal Service, UPS, Fed Ex Ground, or commercial freight carrier. Please allow 3 to 10 days for delivery. Faster shipping service is an additional cost. Any extra postage costs incurred in forwarding packages due to address changes or errors, not the fault of SIG Mfg. Co. Inc., will be billed to the customer.

Note: Some large box items will incur an oversize box charge, paid by the buyer.

Hazardous and Flammable: Gallon size containers of hazardous materials, such as SIG Fuel and Supercoat Dope products, will incur a \$27.50 per carton "UPS Hazmat Fee", which will be charged to the customer.

INTERNATIONAL ORDERS. . .

Shipping and Handling Charges:
Basic handling charge of \$9.95, plus actual postage amount.

NOTES ON SHIPPING FUEL & HAZARDOUS MATERIALS

Gallons of fuel and Hazardous Materials shipped via UPS are subject to a \$27.50 per carton HAZARDOUS MATERIAL FEE. This fee applies to each carton that contains gallon containers of fuel or Hazardous Materials whether the carton contains four gallons or just one gallon. Fuel and Hazardous Materials sold in other size containers are not subject to the UPS Hazardous Material Fee.

ORDERS UNDER \$25.00 • Postage \$14.95 in U.S.
ORDERS BETWEEN \$25.00 to \$149.99 • Postage \$9.95 in U.S.
ORDERS \$150.00 or OVER • Postage is FREE in U.S.
No Charge For Visa, Mastercard, or Discover

POSTAGE IS
FREE
on orders over \$150.00 in U.S.

SIG PRODUCT LIMIT OF LIABILITY. . .

SIG Mfg. Co., Inc.'s only obligation shall be to replace such quantity of the product proven to be defective. User shall determine the suitability of the product for his or her intended use and shall assume all risk and liability in the connection therewith.

SIG COMPLAINT ADJUSTMENT POLICY. . .

NO ADJUSTMENTS MADE AFTER A 45 DAY PERIOD.
Merchandise cannot be returned or credited without permission from us. Please state your exact reason for return. No credit will be given for merchandise purchased from another supplier. Returns should be well packed and insured against damage. Outgoing postage will not be refunded. In general, to be accepted, merchandise must be unused and undamaged, including display boxes. The guarantee on radio equipment, power tools, engines, etc. is given by the manufacturer of the product. Send in the warranty cards when they are included with guaranteed merchandise. Write directly to the manufacturer about defect or repairs. We will replace any SIG kit parts found to be missing or defective due to factory error. Please return the packer's slip placed in each kit when reporting problems, state the name of the dealer from whom the kit was purchased. It is impossible for us to stock parts to cover shortages from the kits of other manufacturers. Write to the manufacturer directly for missing part replacement. In accepting delivery of boxes from us, which have been damaged in transit, be sure and get the signature of the delivery man on the delivery forms certifying that the shipment arrived in bad condition. Notify us at once with specific details of the damage of merchandise in the boxes.

SIG MFG. CO., INC.

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Website: www.sigmfg.com

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24 HOUR FACSIMILE LINE **641-623-3922**

KADET SENIOR ARF

Sport EG

Fly With
Electric
Or
Glow Power!



Order No.:
SIGRC96EGARFB - Kadet Senior Sport EG ARF (White / Trans. Blue)
SIGRC96EGARFR - Kadet Senior Sport EG ARF (White / Trans. Red)

KADET SENIOR SPORT EG ARF

The legendary SIG KADET SENIOR is one of the most versatile R/C model airplanes ever designed! Originally intended for training, it's light wing loading, inherent stability and slow flight speed combine to give the student pilot time to think, react, and learn. However over the years the KADET SENIOR has also proven to be a multi-purpose workhorse - float flying, banner or glider tow, airborne camera, parachute drop, night flying with add-on lights, and just about any other load carrying task is easy for the giant KADET SENIOR. The huge 2-piece wing provides massive lifting ability, even when flown using .40-.46 size engines, or equivalent electric power.

This latest rendition of the venerable KADET SENIOR has been "sporterized" with a tail dragger landing gear and wheel pants. Perfect for R/C pilots of any skill level who want a relaxing flying session - doing leisurely touch and go landings at the speed of a walk on a beautiful calm summer evening.

The KADET SENIOR SPORT ARF features traditional all wood construction and has the kind of beauty and performance that only balsa models can offer! Fly A Legend - Fly A KADET SENIOR!

SPECIFICATIONS:

Wing Span:	78 in.	(1980 mm)
Wing Area:	1148 sq. in.	(74.1 dm ²)
Length:	65 in.	(1651 mm)
Flying Weight:	8 - 8.5 lbs.	(3629 - 3856 g)
Wing Loading:	16 - 17 oz./sq. ft.	(49 - 52 g/dm ²)
Radio Required:	4-Channel w/ 5 Standard Servos (not included)	
Motor Required:	Glow or Electric (not included)	
Glow Power:	2-Stroke .40 - .53 cu. in. (6.5 - 8.7 cc)	
	4-Stroke .50 - .61 cu. in. (8.1 - 10 cc)	
Electric Power:	Brushless Outrunner Motor (600 - 1100 w; 500 - 800 kv; 42 - 50mm case dia. 60 - 75A Speed Control (ESC); 4-6S 4000-5000 mAh Lipo Battery Pack	



Almost-Ready-To-Fly

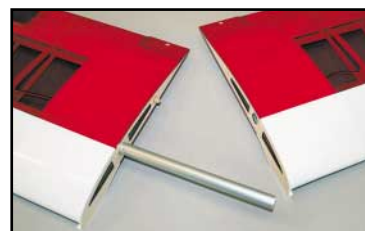
This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.



Magnetic Hatch For Quick Access To Battery/Tank Compartment.



Beautiful Transparent Covering

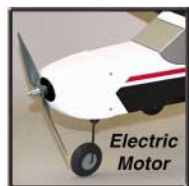


Easy-To-Transport 2-Piece Wing



KADET LT-40 EG ARF

Fly With
Electric
Or
Glow Power!



Order No.:
SIGRC67EGARF

Kadet LT-40 EG ARF

The SIG KADET LT-40 EG is the latest ARF rendition of America's favorite R/C trainer, now redesigned to accommodate either electric or glow power. Like all SIG KADETS, the LT-40 EG behaves perfectly in flight with true "hands off" stability. It's large size and light wing loading lets it fly slower than other trainers. Slower speed gives the student pilot more time to think and react to what the model is doing. That makes learning to fly R/C quicker and easier! This beautifully handcrafted airplane takes no shortcuts in quality of materials or workmanship. No foam - this is a traditional all-wood model airplane, which means it's light, strong and durable!

Expertly covered with Ultracote® (aka ORACOVER®) premium polyester covering material. The LT-40 EG ARF is engineered for quick assembly with a minimal number of parts. A photo-illustrated assembly manual takes you easily through each step. Quality hardware includes spinner, wheels, pushrods, fuel tank, etc.

SPECIFICATIONS:

Wing Span:	70 in.	(1778 mm)
Wing Area:	900 sq. in.	(58.1 dm ²)
Length:	57 in.	(1447 mm)
Flying Weight:	6 - 6.25 lbs.	(2720 - 2835 g)
Wing Loading:	15 - 16 oz./sq. ft.	(47 - 49 g/dm ²)

Radio Required: 4-Channel with 5 Standard Servos (not included)

Motor Required: Glow or Electric (not included)
Glow Power: 2-Stroke .40 - .46 cu. in. (6.5 - 7.5 cc)
4-Stroke .40 - .54 cu. in. (6.5 - 8.8 cc)

Electric Power: 500 watt (3528 - 1000kv) Brushless Motor;
50 - 60A ESC; Lipo Battery Pack



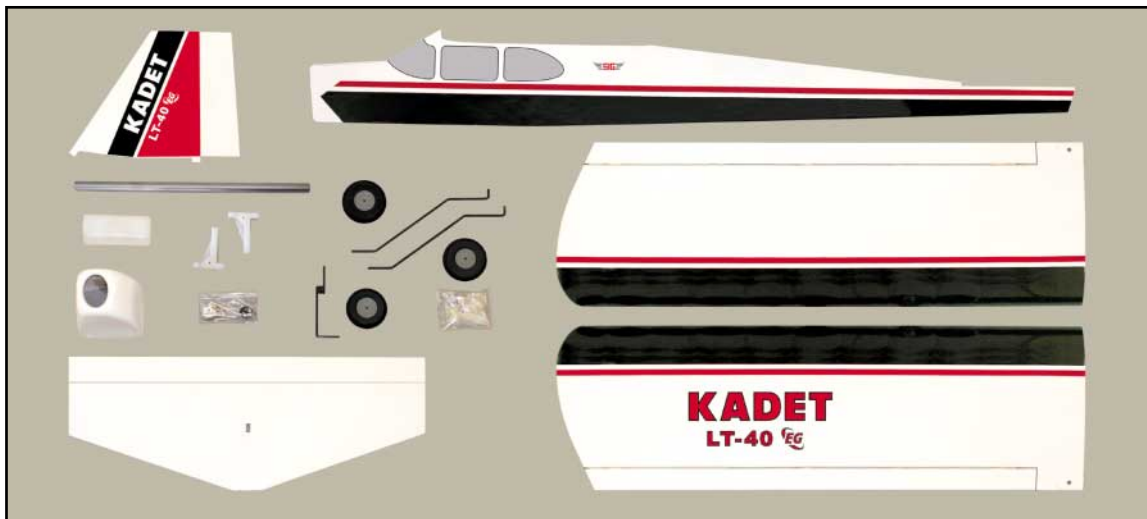
Electric
Powered

You won't find a better way to get started in R/C flying than with the KADET LT-40 EG ARF



It's Big!

With a 70 inch wingspan the SIG LT-40 EG ARF is larger than other .40 size trainers on the market. This gives the LT-40 EG ARF two big advantages. Visibility - the LT-40 EG ARF is simply easier to see. Sometimes, beginners tend to let the model drift far away. When other trainers are just a small dot in the sky, you'll still be able to see the LT-40 EG ARF and maintain control. Wing Loading - wing loading is how much weight the wing is carrying and for trainers you want a very light wing loading. This lets the airplane fly slower, giving you more time to think and react. With the LT-40 EG ARF, you won't have that uncomfortable feeling of always being one step behind the model. Stalls are gentle, turns are smooth and landing approaches are stable and predictable all the way to touchdown.



Almost-Ready-To-Fly

This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.

Easy to Assemble and Repair

Assembly: The LT-40 ARF is engineered for quick assembly with a minimal number of parts.

Repair: Because the LT-40 ARF is pre-covered in only one color (white), repairs are easy. All you need is white Ultracote® (aka ORACOVER®) and a new decal sheet. Even a major structural repair can be recovered to match perfectly.

Customize: Would you rather have a trim scheme that's uniquely yours and doesn't look like every other trainer at the flying field? Toss our decals and go wild. The all-white base is the perfect "canvas" for stars, sunbursts, and rainbows. Or, go with logos from your favorite sports team, drink, motorcycle, or company. You're only limited by your imagination.



RASCAL 72 EG ARF

**Fly With
Electric
Or
Glow Power!**



Removable Battery
Hatch



Order No.:

SIGRC83EGARFB - Transparent Blue / White

SIGRC83EGARFR - Transparent Red / White

RASCAL 72 EG ARF

The RASCAL legend began with a small rubber-powered free-flight model in the 1950s. Adapted for modern radio control, the RASCAL's classic good looks and dream-come-true flying characteristics have made it the favorite everyday airplane for thousands of R/C pilots. This re-design of the popular SIG RASCAL 40 ARF into the RASCAL 72 EG ARF gives you the option of using either glow or electric power. Whichever power system you choose, you'll enjoy great flying characteristics of the legendary RASCAL design.

The SIG RASCAL 72 EG is a beautifully handcrafted all-wood ARF. Assembly is fast and simple. All the parts were CAD-drawn, laser-cut, and jig assembled, which means that everything fits the way it should. A removable hatch makes battery change quick and easy. Also included in the kit are a fiberglass cowl, molded windshield and side windows, quality hardware, decals, and an illustrated step-by-step assembly manual. Available in two color schemes, the RASCAL 72 EG ARF is meticulously covered with premium Ultracote® (aka ORACOVER®) Transparent Red or Transparent Blue with White trim.

SPECIFICATIONS:

Wing Span:	72 in.	(1829 mm)
Wing Area:	720 sq. in.	(46.5 dm ²)
Length:	51.75 in.	(1315 mm)
Flying Weight:	5 - 5.5 lbs.	(2268 - 2495 g)
Wing Loading:	16 - 17.6 oz./sq.ft.	(49 - 54 g/dm ²)

Radio Required: 4-Channel with 5 Standard Servos
(not included)

Motor Required: Glow or Electric (not included)

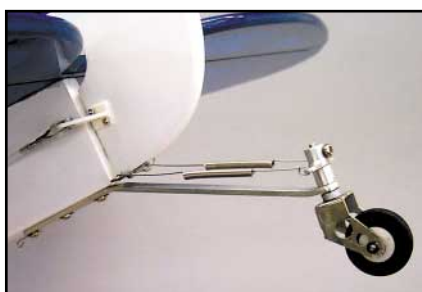
Glow: 2-Stroke .40 - .46 cu. in. (6.5 - 7.5 cc)

4-Stroke .40 - .54 cu. in. (6.5 - 8.8 cc)

Electric: 500 watt (3528 - 1000kv) Brushless Motor;
50 - 60A ESC; Lipo Battery Pack



Easy-to-Transport 2-Piece Wing



Leaf-Spring Tailwheel Assembly



Flies Like A Dream!



RASCAL 110 EG ARF

Over 9 Foot Wingspan!



Order No.
SIGRC84EGVARFB - Transparent Blue / White
SIGRC84EGVARFR - Transparent Red / White

RASCAL 110 EG ARF

The Rascal 110 EG ARF is a giant size sport model that provides outstanding flying characteristics using a wide range of power systems. Whether you prefer glow engines, gas engines, or electric power, the Rascal's classic good looks and dream-come-true flying characteristics will quickly make it your favorite R/C airplane. "Smooth", "Solid", "Comfortable", "Gentle as a Cub and aerobatic", "a Cub on steroids", are some of the words Rascal pilots use to describe flying a "110".

Streamlining and a high performance airfoil allow the Rascal 110 to do aerobatics that are impossible for most high wing airplanes. Breeze through inside and outside loops, slow rolls, point rolls, inverted flight, cuban 8s, and even knife edge flight. The light wing loading of the Rascal 110 also makes it a versatile workhorse. Float flying, banner or glider tow, onboard photography and video (several universities and the military are using them), parachute drop, night flying with add-on lights, and just about any other load carrying task is easy for the giant Rascal 110.

The Rascal 110 is a beautifully handcrafted all-wood ARF. Assembly is fast and simple. All the parts were CAD-drawn, laser-cut, and jig assembled, which means that everything fits the way it should. Includes a fiberglass cowling and wheel pants, aluminum landing gear, leaf-spring tailwheel assembly, airfoiled aluminum wing struts, molded windows, complete hardware, decals, and an illustrated step-by-step assembly manual. Available in two color schemes, the Rascal 110 EG ARF is expertly covered with premium UltraCote® (aka ORACOVER®) Transparent Red or Transparent Blue with White trim.

SPECIFICATIONS:

Wing Span: 110 in. (2794 mm)
 Wing Area: 1522 sq. in. (98.2 dm²)
 Length: 75.75 in. (1924 mm)
 Flying Weight: 11 - 13 lbs. (4990 - 5897 g)
 Wing Loading: 17 - 20 oz./sq.ft. (51 - 60 g/dm²)

Radio Required: 5-Channel with 7 Heavy-Duty Servos (not included)

Motor Required: Glow, Gas, or Electric (not included)

Glow: 2-Stroke 1.2 - 1.5 cu. in. (19.7 - 24.6 cc)
 4-Stroke 1.2 - 1.8 cu. in. (19.7 - 29.5 cc)

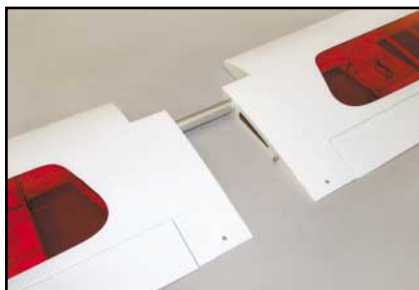
Gas: 1.2 - 1.5 cu.in. (19.7 - 24.6 cc)

Electric: 1600 watt (6320 - 250kv) Brushless Motor; 80A ESC; Lipo Battery Pack



FLOATS NOT INCLUDED

Great Flying Characteristics Make The Rascal 110 A Terrific Float Plane.



Easy-to-Transport 2-Piece Wing



Operating Flaps Allows This Big Airplane To Fly In & Out Of Small Fields



**Fly With Electric
Or Glow Power!**



Electric Motor



4 STAR 54
★★★★★ EG
ALMOST READY TO FLY



Order No.:

SIGRC44EGARFR - 4-Star 54 EG ARF (Red)

SIGRC44EGARFY - 4-Star 54 EG ARF (Yellow)

4-STAR 54 EG ARF

The Ultimate Second Airplane!

The 4-STAR 54 EG ARF is the best midsize R/C airplane for transitioning pilots from high-wing trainers to low-wing aerobatic aircraft. With its low wing, semi-symmetrical airfoil, and a wing loading that would make most trainers proud, the 4-STAR 54 takes you to the next level with all the basic aerobatics and whoop-dee-dooos your thumbs can conjure up. If its time to give up your trainer and fly a model with more ability, the 4-STAR 54 EG ARF was made just for you! It's a great learning tool for advancing R/C pilots.

Designed to get you into the air quickly with a traditional handcrafted balsa wood ARF. All wood parts are CAD-drawn, laser cut, and factory jig assembled, so everything fits the way it should. The lightweight airframe is very rugged and has been expertly covered with Oracover® (aka Ultracote®) premium film. Available in yellow or red base colors with complete factory applied markings.

Fly With Electric Or Glow Power!

The 4-STAR 54 EG ARF is designed for either Electric or Glow Power. The 4-STAR 54 EG flies well with a 2-stroke glow engine, a 4-stroke glow engine, or a brushless outrunner electric motor with a 3-4 cell lipo battery. It's your choice!

SPECIFICATIONS:

Wing Span:	54 in.	(1372 mm)
Wing Area:	585 sq. in.	(37.7 dm ²)
Length:	47.5 in.	(1206 mm)
Flying Weight:	5 - 5.5 lbs.	(2268 - 2495 g)
Wing Loading:	19.7 - 21.7 oz./sq. ft.	(60 - 66 g/dm ²)

Radio Required: 4-Channel w/ 5 Standard Servos (glow) (not included)
4-Channel w/ 4 Standard Servos (electric) (not included)

Motor Required: Glow or Electric (not included)

Glow Power: 2-Stroke .40 - .46 cu. in. (6.5 - 7.5 cc)

4-Stroke .40 - .54 cu. in. (6.5 - 8.8 cc)

Electric Power: 500 - 800 watt Brushless Motor (800-1000 kv)

60-75A Speed Control (ESC)

3-4S 3000 - 5000 mAh Lipo Battery Pack



Almost-Ready-To-Fly

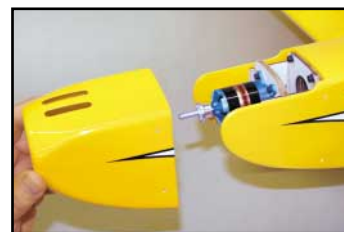
This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.



Magnetic Hatch for Quick Access



Easy-To-Transport 2-Piece Wing



Painted Fiberglass Cowling





**Fly With Electric
Or Glow Power!**

4 STAR 64
★★★★★ EG
ALMOST READY TO FLY



Order No.:
SIGRC73EGARFR - 4-Star 64 EG ARF (Red)
SIGRC73EGARFY - 4-Star 64 EG ARF (Yellow)

4-STAR 64 EG ARF

The Ultimate Second Airplane!

The 4-STAR 64 EG ARF is a great choice for transitioning student pilots from high-wing trainers to low-wing aerobatic aircraft. With its low wing, semi-symmetrical airfoil, and light wing loading, the 4-STAR 64 takes you to the next level with all the basic aerobatics and whoop-dee-does your thumbs can conjure up. Intermediate and advanced fliers also appreciate the 4-STAR 64's simple construction, ease of assembly, and super flight performance. This is an airplane you will enjoy taking to the flying field every time.

The 4-STAR 64 is designed to get you into the air quickly with a traditional handcrafted balsa wood ARF. All wood parts are CAD-drawn, laser cut, and factory jig assembled, so everything fits the way it should. The lightweight airframe is very rugged and has been expertly covered with Oracover® (aka Ultracote®) premium film. Available in yellow or red base colors with complete factory applied markings.

Fly With Electric Or Glow Power!

The 4-STAR 64 EG ARF is designed for either Electric or Glow Power. The 4-STAR 64 EG flies well with a 2-stroke glow engine, a 4-stroke glow engine, or a brushless outrunner electric motor with a 4-6 cell lipo battery. It's your choice!

SPECIFICATIONS:

Wing Span:	64 in.	(1625 mm)
Wing Area:	847 sq. in.	(54.6 dm ²)
Length:	57 in.	(1447 mm)
Flying Weight:	7 - 8.25 lbs.	(3175 - 3742 g)
Wing Loading:	19 - 22 oz./sq. ft.	(58 - 68 g/dm ²)

Radio Required: 4-Channel w/ 5 Standard Servos (glow) (not included)
4-Channel w/ 4 Standard Servos (electric) (not included)

Motor Required: Glow or Electric (not included)

Glow Power: 2-Stroke .60 - .75 cu. in. (10.0 - 12.3 cc)

4-Stroke .60 - .90 cu. in. (10.0 - 14.7 cc)

Electric Power: 1200 - 1700 watt Brushless Motor (400-600 kv)

75A Speed Control (ESC)

4-6S 4000 - 5000 mAh Lipo Battery Pack



Almost-Ready-To-Fly

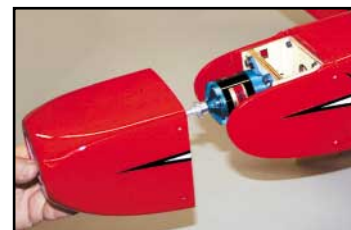
This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.



Magnetic Hatch for Quick Access



Easy-To-Transport 2-Piece Wing



Painted Fiberglass Cowling



T-Clips EP

ALMOST READY TO FLY



"Voted Pilot's Choice
Best New R/C Airplane
at SEFF 2013"



Order No.:
SIGRC87EPARF - T-Clips EP ARF

T-CLIPS EP ARF

"Twistin' It Old School!"

Aerobic Fun Scale Model Of Airshow Pilot Erik Edgren's Clipped Wing Taylorcraft

"T-CLIPS" is no ordinary clipped wing Taylorcraft. Originally a stock 1939 Taylorcraft, this is the only clipped wing T-craft in the world currently flying airshows with an original size engine. Airshow pilot Erik Edgren refers to this as "Twistin' It Old School". SIG is proud to team up with Erik and offer a new R/C model of his one-of-a-kind airplane. Designed for electric power, the new SIG T-CLIPS EP is a pure aerobatic delight. It's not meant to be an exact scale model, but more of an everyday no-frills flying field favorite. This balsa ARF features a semi-symmetrical airfoil and strong light weight construction. Put in a "40" size brushless motor with a 4S battery pack and your favorite new takeoff style will be straight up. Loops, rolls, snaps, and spins are routine with the T-CLIPS and the basis for more advanced 3D style maneuvers.

SPECIFICATIONS:

Wing Span:	60 in.	(1524 mm)
Wing Area:	630 sq. in.	(40.6 dm ²)
Length:	43 in.	(1092 mm)
Flying Weight:	4.5 - 5 lbs.	(2041 - 2267 g)
Wing Loading:	16.5 - 18.3 oz./sq. ft.	(50 - 56 g/dm ²)

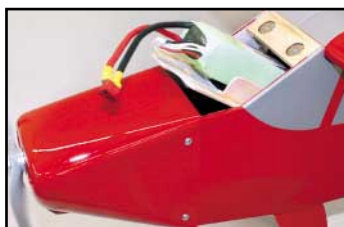
Radio Required: 4-Channel w/ 4 Standard Servos
(electric) (not included)

Electric Power Req.: 500 - 800 watt Brushless Motor (800-1000 kv)
60-75A Speed Control (ESC)
3-4S 3000 - 5000 mAh Lipo Battery Pack



Almost-Ready-To-Fly

This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.



Unique Self-Latching Battery Tray



Easy-To-Transport 2-Piece Wing



Painted Fiberglass Cowling & Windshield Is Removable Magnetic Hatch



3D SPORT AEROBATIC AIRPLANE



Order No.:
SIGRC105EPARF - Sbach XA-41 EP ARF

SBACH XA-41 EP ARF

3D Sport Aerobatic Airplane

The new SIG Sbach XA-41 ARF is the perfect size and performance package for the club sport aerobatic pilot. Whether you like to fly fast or slow, prefer smooth precision aerobatics or exiting 3D maneuvers, the XA-41 can provide the aerobatic performance you are looking for. Power, maneuverability, and unlimited vertical make it an absolute blast to fly. With the rate switches on low, the XA-41 will perform beautiful precision aerobatic maneuvers like the sweetest model you've ever flown. When you want a thrill, just punch the throttle and go straight up! Flip the rate switches to high and the Sbach will reward you with outright 3D insanity! Waterfalls, high-alfa knife edge, hover, torque rolls, harriers, flat spins, and much more are all in the XA-41's flight envelope. The SIG Sbach XA-41 features traditional all wood construction and has the kind of finish, accuracy, and performance that only balsa models can offer!

SPECIFICATIONS:

Wing Span:	50 in.	(1270 mm)
Wing Area:	500 sq.in.	(32.2 dm ²)
Length:	44.25 in.	(1124 mm)
Weight no battery:	57 - 60 oz.	(1616 - 1701 g)
Weight RTF:	68 - 76 oz.	(1928 - 2154 g)
Wing Loading:	19.6 - 21.9 oz./sq.ft.	(60 - 67 g/dm ²)

Radio Required: 4-Channel w/ 4 Micro Servos
(electric) (not included)

Electric Power Req.: "32 class" Brushless Motor (700-900 kv, 600-800 watts)
60-75A Speed Control (ESC)
4S 2500 - 4000 mAh Lipo Battery Pack

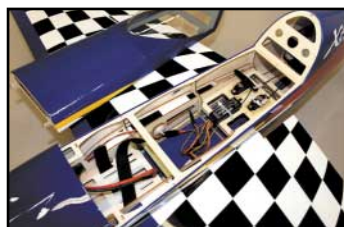


Almost-Ready-To-Fly

This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.



Two-Piece Wing With Super Strong Aluminum Wing Joiner Tube. Factory Painted Wheel Pants.



Magnetic Removeable Canopy/Top Deck For Easy Access.



Large Control Surfaces For 3D Slow Speed Response.



T-Clips 70 EG

ALMOST READY TO FLY

Fly With Electric
Or Glow Power!



Aerobatic Fun Scale Model

Of Airshow Pilot Erik Edgren's Clipped Wing Taylorcraft

Order No.:
SIGRC108EGARF - T-Clips 70 EG ARF

T-CLIPS 70 EG ARF

"Twistin' It Old School!"

"T-CLIPS" is no ordinary clipped wing Taylorcraft. Originally a stock 1939 Taylorcraft, this is the only clipped wing T'craft in the world currently flying airshows with an original size engine. Airshow pilot Erik Edgren refers to this as "Twistin' It Old School".

The SIG T-CLIPS 70 EG ARF is a sport scale version of Erik's striking red and black show stopper. Designed for a "60" size electric motor or glow engine, the T-CLIPS 70 flies as good as it looks. Basic precision aerobatics are its specialty - inside and outside loops, slow rolls, point rolls, snap rolls, cuban eights, spins, and inverted flight are routine for this everyday sport aerobatic airplane.

FEATURES:

- ✓ 70 inch Wingspan ("60 size")
- ✓ SIG "EG" Series - For Electric or Glow Power
- ✓ Handcrafted Wood ARF
- ✓ CAD Drawn, Laser-Cut, and Factory Jig Assembled
- ✓ 2-Piece Wing Design with Aluminum Tube Wing Joiner
- ✓ Clear Windshield and Side Windows
- ✓ Magnetic Top Hatch
- ✓ Aluminum Landing Gear
- ✓ Fiberglass Cowling and Wheel Pants
- ✓ Covered with Oracover® (aka UltraCote®) Premium Film
- ✓ Complete Pushrods and Hardware
- ✓ Illustrated Assembly Manual

SPECIFICATIONS:

Wing Span:	70 in.	(1778 mm)
Wing Area:	860 sq. in.	(55.5 dm ²)
Length:	50 in.	(1270 mm)
Flying Weight:	7 - 7.8 lbs.	(3175 - 3538 g)
Wing Loading:	19 - 21 oz./sq. ft.	(57 - 64 g/dm ²)

Radio Required:	4-Channel w/ 5 Standard Servos (glow)
	4-Channel w/ 4 Standard Servos (electric)
Glow Power:	2-Stroke .53 - .61 cu. in. (8.6 - 10.0 cc)
	4-Stroke .53 - .65 cu. in. (8.6 - 10.7 cc)
Electric Power:	1200 - 1700 watt Brushless Motor (300-400 kv)
	75A Speed Control (ESC)
	4S-6S 4000 - 5000 mAh Lipo Battery Pack

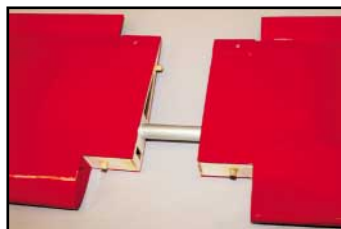


Almost-Ready-To-Fly

This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.



Removable Magnetic Hatch For Easy Access & Quick Battery Change



Easy-To-Transport 2-Piece Wing



Fiberglass Cowling, With Molded Clear Windshield & Side Windows.





Fly With Electric
Or Glow Power!

AVAILABLE IN
RED OR GREEN



Order No.:
SIGRC76EGARFG - Somethin' Xtra EG ARF - Green & White
SIGRC76EGARFR - Somethin' Xtra EG ARF - Red & White

Somethin' Xtra EG ARF

Few airplanes can provide the same degree of all out aerobatic performance combined with comfortable handling characteristics as the SOMETHIN' XTRA. It can be set up on low rates to fly as sedately as a trainer, or switch to high rates and roll so quickly you can't count them. Smooth stable and "in the groove" at all speeds, with blistering control response when you want it. It's no wonder that the SOMETHIN' XTRA is the favorite everyday airplane of thousands of R/C'ers.

FEATURES:

- ✓ SIG "EG" Series - suitable for Electric or Glow power
- ✓ Factory Built and Covered Airframe
- ✓ 2-Piece Wing Design For Easy Transportation
- ✓ Magnetic Hatch for access to the battery/radio compartment
- ✓ Aluminum Landing Gear
- ✓ Painted Fiberglass Cowling & Wheel Pants
- ✓ Professionally covered with premium UltraCote® (aka Oracover®)
- ✓ Complete Pushrod & Hardware Package
- ✓ Illustrated Assembly Manual

SPECIFICATIONS:

Wing Span:	51.5 in.	(1308 mm)
Wing Area:	725 sq. in.	(46.7 dm ²)
Length:	48.25 in.	(1226 mm)
Flying Weight:	5 - 5.5 lbs.	(2268 - 2495 g)
Wing Loading:	16 - 17.6 oz./sq. ft.	(48 - 53 g/dm ²)

Radio Required:	4-Channel w/ 5 Standard Servos (glow)
	4-Channel w/ 4 Standard Servos (electric)
Glow Power:	2-Stroke .40 - .46 cu. in. (6.5 - 7.5 cc)
	4-Stroke .53 - .65 cu. in. (8.6 - 10.7 cc)
Electric Power:	700 - 1000 watt Brushless Motor (550-800 kv)
	75A Speed Control (ESC)
	4S-6S 3000 - 4000 mAh Lipo Battery Pack



Almost-Ready-To-Fly

This is a all-wood ARF model airplane. All of the major components (wing, fuselage, tail surfaces, landing gear, etc.) are factory built and finished, and ready for final assembly. The motor and radio systems are not included.



Two-piece Wing Design With Super Strong Aluminum Wing Joiner Tube. Easy To Transport & Easy To Store.



Removable Magnetic Hatch For Easy Access & Quick Battery Change



"EG" Means It Can Be Flown With Glow or Electric Power. Typical 2-Stroke glow engine installation.



KADET LT-40



Order No.: SIGRC67

KADET LT-40 KIT

When the first SIG KADET came out in 1972, it was the only airplane on the market totally designed from the ground up for learning to fly R/C. It quickly became the airplane of choice for new R/C flyers at many model clubs! Since then, thousands of new pilots have successfully learned to fly R/C with a KADET! It's gentle flying characteristics made it a legend in its own time. This KADET LT-40 blends the perfect aerodynamics of the original SIG KADET with a more modern, simpler, and much faster building type of construction. This is the easiest building KADET kit yet! Every major part of this kit has been pre-shaped, sawn, die-cut, laser-cut, routed, or whatever it takes to make it ready-to-install right out of the box. A photo-illustrated assembly manual takes you through every step of construction and pre-flight.

Like all SIG KADETS, the KADET LT-40 behaves perfectly in flight, with true hands off stability on all axis. If the student pilot gets disoriented, simply let go of the control sticks and the LT-40 will recover itself and return to level flight within seconds. Because the LT-40 is bigger than the average .40 size trainer, it has a much lighter wing loading, which lets it fly slower! Slower speed gives the student pilot more time to think and react to what the model is doing, thus making it easier to learn to fly R/C.

KEY FEATURES:

- Top quality SIG Balsa, Plywood, & Spruce
- Simple, Strong Wing design - Spruce Spars
- Fuel Tank
- Wheels
- SIG Easy Hinges
- Complete Hardware pack includes Control Horns, Pushrods, Wheel Collars, etc.
- Ultra-simple Lite-Ply Fuselage
- CAD Drawn Plans for precise parts fit
- SIG Spinner
- Engine Mounts
- Decals

SPECIFICATIONS:

Wing Span:	70 in.	(1778 mm)
Wing Area:	900 sq. in.	(58.1 dm ²)
Length:	57 in.	(1447 mm)
Flying Weight:	5.5 - 6 lbs.	(2490 - 2720 g)
Wing Loading:	14 - 15.5 oz./sq. ft.	(43 - 47 g/dm ²)

Radio Required: 4-Channel with 4 Standard Servos (not included)

Engine Required: 2-Stroke .40 - .46 cu. in. (6.5 - 7.5 cc)
(not included) 4-Stroke .40 - .54 cu. in. (6.5 - 8.8 cc)



KADET SENIOR

3-CHANNEL
Elevator, Rudder, Throttle



Order No.: SIGRC58

KIT

R/C Airplane Kits

KADET SENIOR KIT

THE ORIGINAL "HANDS OFF" TRAINER

We believe that first attempts at R/C flying should be with an inherently stable model that flies slow enough to give the student pilot time to think and react. The original KADET SENIOR is an ultra-light weight design that flies so slowly and gently that just about anyone can handle it on their very first try! If the student pilot gets confused, merely let go of the control sticks and the KADET SENIOR will recover itself and return back to level flight. This is the original 3-channel KADET SENIOR build-it-yourself kit. Thousands of new R/C pilots have learned to fly with this legendary airplane.

The KADET SENIOR is the result of Hall of Fame designer Claude McCullough's 50+ years in the model airplane hobby. Everything about the SENIOR has been designed to make it the easiest to fly trainer in the world. It has all of the features that a student pilot needs to be successful.

- High-Wing configuration, large tail surfaces, and generous dihedral for true "hands off" stability.
- Flat-Bottom Airfoil, lightweight construction, and a ultra-light wing loading allow the Kadet Senior to cruise around effortlessly at amazingly low speeds.
- Tricycle landing gear for easy ground handling.
- Superior all-balsa design with a strength-to-weight advantage that ARF trainers can't approach.

KEY FEATURES:

- Super Lightweight Balsa/Ply Structure
- Formed Wire Landing Gear
- Full-Size Plans
- Precision Die-Cut Ribs and Formers
- Clear Plastic Windows
- Elevator & Rudder Pushrods
- Photo-Illustrated Assembly Manual
- Complete Hardware Pack
- Control Horns
- R/C Links & Rods
- SIG Easy Hinges
- Steerable Nose Gear
- Engine Mounts

SPECIFICATIONS:

Wing Span:	78 in.	(1981 mm)
Wing Area:	1150 sq. in.	(74.2 dm ²)
Length:	62 in.	(1575 mm)
Flying Weight:	6 lbs.	(2720 g)
Wing Loading:	12 oz./sq. ft.	(37 g/dm ²)

Radio Required: 3-Channel with 3 Standard Servos (not included)

Engine Required: 2-Stroke .29 - .40 cu. in. (4.8 - 6.5 cc)
(not included) 4-Stroke .35 - .65 cu. in. (5.7 - 7.4 cc)



Optional SIG Kadet Senior ACCESSORY KIT
All the accessories you need to complete your Kadet Senior. Wheels, Wheel Collars, Fuel Tank, Fuel Line, Throttle & Nose Gear Pushrods, Spinner.
Order No.: SIGAK258



SIG

KADET SENIORITA



Order No.: SIGRC60

KIT

KADET SENIORITA KIT

A COMPACT "HANDS OFF" TRAINER

This compact version of the KADET SENIOR is designed for modelers who have a small car or apartment-size workshop. The KADET SENIORITA features the same forgiving flight characteristics of the larger SENIOR, but in a smaller package. Both the KADET SENIOR and KADET SENIORITA are also popular with experienced fliers who are tired of the nerve racking panic that can accompany a faster model. The KADET SENIORITA flies so slowly and gently that just about anyone can handle it on their very first try! If the student pilot gets confused, merely let go of the control sticks and the KADET SENIORITA will recover itself and return back to level flight. Pilots of all skill levels get a real charge out of the pure flying pleasure that a KADET can provide. It's the perfect model for out-of-the-rut, pure fun flying. Slide in for a main gear only touch and go. Fly backwards. Catch a thermal. Pylon race with other KADETS. Formation flying. Follow the leader. These airplanes are so slow, stable, and predictable that you'll find yourself doing things you never thought possible before.

KEY FEATURES:

- Super Lightweight Balsa/Ply Structure
- Formed Wire Landing Gear
- Full-Size Plans
- Free copy of "The Basics of R/C"
- Complete Hardware Pack
- R/C Links & Rods
- Engine Mounts
- Precision Die-Cut Ribs and Formers
- Clear Plastic Windows
- Photo-Illustrated Assembly Manual
- Elevator & Rudder Pushrods
- Nose Gear Bearing
- Control Horns
- SIG Easy Hinges

SPECIFICATIONS:

Wing Span:	63 in.	(1600 mm)
Wing Area:	746 sq. in.	(48.0 dm ²)
Length:	50 in.	(1270 mm)
Flying Weight:	3.75 lbs.	(1700 g)
Wing Loading:	12 oz./sq. ft.	(35 g/dm ²)

Radio Required: 3-Channel with 4 Standard Servos
Engine Required: 2-Stroke .15 - .25 cu. in. (2.5 - 4.0 cc)
 4-Stroke .21 - .35 cu. in. (3.4 - 5.7 cc)



Optional SIG Kadet Seniorita ACCESSORY KIT
 All the accessories you need to complete your Kadet Senior. Wheels, Wheel Collars, Fuel Tank, Fuel Line, Throttle & Nose Gear Pushrods, Spinner.

Order No.: SIGAK260



KADET MARK II



Order No.: SIGRC49



KADET MARK II KIT

LEARN TO FLY R/C WITH A LEGEND . . .

The KADET MARK II has provided thousands of fledgling R/Cers with their first success at radio control. The .40 size KADET MARK II is a full-house 4-channel trainer with ailerons. You can't go wrong with a KADET! For over 25 years, the SIG KADET has been helping new R/C pilots earn their wings. It was the first model airplane on the market that was designed from the ground up for learning to fly R/C. A SIG KADET has all the features a good trainer needs.

- High Wing Configuration For Stability
- Flat Bottom Airfoil For Slow Flight Speed
- Tricycle Landing Gear For Easy Takeoffs And Landings
- Strong Sheet Balsa Construction For Durability
- Comprehensive Photo-Illustrated Instructions

KEY FEATURES:

- Rugged Balsa/Ply Construction
- Formed Aluminum Landing Gear
- Molded ABS Cowling
- Photo-Illustrated Assembly Manual
- Elevator & Rudder Pushrods
- Control Horns
- R/C Links & Rods
- Engine Mounts
- Precision Die-Cutting
- Steerable Nose Gear
- Full-Size Plans
- Free copy of The Basics of R/C
- Aileron Torque Rods & Pushrods
- Nose Gear Bearing
- SIG Easy Hinges
- Bolts, Nuts, Screws

SPECIFICATIONS:

Wing Span:	57.25 in.	(1455 mm)
Wing Area:	635 sq. in.	(41.0 dm ²)
Length:	44.25 in.	(1125 mm)
Flying Weight:	5 lbs.	(2268 g)
Wing Loading:	18 oz./sq. ft.	(55 g/dm ²)

Radio Required: 4-Channel

Engine Required: 2-Stroke .25 - .40 cu. in. (4.1 - 6.5 cc)



Optional SIG Kadet Mark II ACCESSORY KIT
All the accessories you need to complete your Kadet Senior. Wheels, Wheel Collars, Fuel Tank, Fuel Line, Throttle & Nose Gear Pushrods, Spinner.
Order No.: SIGAK249



KADET LT-25



Order No.: SIGRC74



KADET LT-25 KIT

Since its introduction, the SIG KADET LT-40 has become the R/C trainer of choice at many club fields. Not long after its introduction, we started getting requests for a smaller version of the same airplane. So the compact version of the LT-40 was born - the SIG KADET LT-25. As you would expect, the new LT-25 inherits all the same gentle flying characteristics of the other legendary SIG KADETS. It has the same light wing loading, which allows it to fly slow enough to give the student pilot time to think and react. It has the same "hands off" stability on all axis. If the student pilot gets disoriented, simply let go of the sticks and the LT-25 will recover and return to level flight within seconds. In addition, the new KADET LT-25 has a couple of features that are "firsts" for any SIG KADET.

- It's the smallest "full-house" 4-channel KADET we've ever produced, with ailerons, elevator, rudder, and throttle control standard.
- It has a taildragger landing gear! In the interest of keeping the flying weight of this little gem as light as possible, we've elected to go with the simplicity of a taildragger landing gear. With a wide-stance main gear and a shallow angle of attack on the ground, the LT-25 takes off and lands just as easily as most tricycle gear models.
- Last, but not least, it's the first SIG KADET that is all laser cut! The CAD drawn plans and CNC (computer controlled) laser cutter insure the parts fit perfectly. You've never built a kit that went together this good!

KEY FEATURES:

- Easy-To-Build Interlocking Balsa Fuselage
- Strong Wing Design
- Pre-Shaped Balsa Trailing Edges
- Pre-Shaped Balsa Elevator
- Photo-Illustrated Assembly Manual
- Engine Mounts
- Complete Pushrods & Hardware
- Light Weight Balsa Structure
- Pre-Shaped Balsa Leading Edges
- Pre-Shaped Balsa Ailerons
- Pre-Shaped Balsa Rudder
- Formed Aluminum Main Landing Gear
- SIG Easy Hinges
- Decals

SPECIFICATIONS:

Wing Span:	63 in.	(1600 mm)
Wing Area:	724 sq. in.	(46.7 dm ²)
Length:	50.75 in.	(1289 mm)
Flying Weight:	4 - 4.25 lbs.	(1814 - 2041 g)
Wing Loading:	12 - 13 oz./sq. ft.	(39 - 44 g/dm ²)

- Radio Required:** 3-Channel with 4 Standard Servos
Engine Required: 2-Stroke .25 - .32 cu. in. (4.1 - 5.2 cc)
4-Stroke .20 - .26 cu. in. (3.3 - 4.0 cc)



FOUR-STAR 20 EP



Order No.: SIGRC106

FOUR-STAR 20 EP KIT

Building on the 20-year reputation of the original Four-Star line of great sport airplanes, we bring you this highly requested version designed for electric power. Like its older siblings, it retains the easy and relaxed flying characteristics of the Four-Stars. Open the throttle and increase the control throws and it will do about any wild maneuver your thumbs can dream up. Add to this the portability of a smaller size and the quietness and convenience of electric power and you have another winner for sport flying. While designed for electric power it is configured to easily convert to glow engine power in the .15 to .25 engine range so you have the best of both worlds.

KEY FEATURES:

- Laser Cut Parts
- Full Size Plans
- Fast Building Wing
- Tab Locked Fuselage
- Lightweight Balsa Construction
- Photo-Illustrated Assembly Manual
- Durable Aluminum Landing Gear
- Molded Canopy
- Molded Cowling
- SIG Easy Hinges
- Large Decal Sheet
- Pushrods
- Hardware Pack



SPECIFICATIONS:

Wing Span:	48 in.	(1219 mm)	
Wing Area:	430 sq. in.	(27.7 dm ²)	
Length:	38 in.	(965 mm)	
Flying Weight*:	2.5 lbs.	(1130 g)	* with 250-watt motor and 3s1p 2200 mAh lipo
Wing Loading:	13.4 oz./sq. ft.	(40.8 g/dm ²)	

Radio Required: 4-Channel with 4 Mini Servos
Power Required: 250 to 350 Watt Electric Motors
or .15 to .25 Glow Engines

FOUR-STAR 40



Order No.: SIGRC44

FOUR-STAR 40 KIT

You've done great with your first trainer and you still have a perfectly good .40 size engine and 4 channel radio. Now is the time to step up and start having some real fun. SIG's Four-Star 40 has been the "second airplane" of choice for thousands of modelers since its introduction in 1989. With its low semi-symmetrical wing and light wing loading, the Four-Star 40 takes you to the next level, with all the free-style aerobatics and whoop-dee-dooos your thumbs can conjure up. When developing the FOUR-STAR 40, there were two main design goals. First, of course, was impeccable flight performance in the tradition of all SIG kits. Second, it had to be ultra-simple to build without looking like a "box with wings". The FOUR-STAR 40 shines in both respects! Give it a try - we think you'll give this kit a "four star" rating!

KEY FEATURES:

- Laser Cut Parts
- Lite-Ply Fuselage Construction
- Fast-Building Wing With Spruce Spars
- Pre-Cut Sheet Balsa Tail Surfaces
- Durable Aluminum Main Landing Gear
- Photo-Illustrated Assembly Manual
- Full Sized Plans
- Molded Canopy
- Pushrods
- SIG Easy Hinges
- Large Decal Sheet
- Hardware Pack

SPECIFICATIONS:

Wing Span:	59.75 in.	(1518 mm)
Wing Area:	604 sq. in.	(39 dm ²)
Length:	47 in.	(1194 mm)
Flying Weight:	4.75 lbs.	(2150 g)
Wing Loading:	18 oz./sq. ft.	(55 g/dm ²)

Radio Required: 4-Channel
Engine Required: 2-Stroke .40 - .45 cu. in. (6.5 - 7.5 cc)
 4-Stroke .40 - .50 cu. in. (6.5 - 8.2 cc)



Optional Molded Plastic Wheel Pants are available for the Four-Star 40 Kit



Order No.: SIGSH378

FOUR-STAR 60



Order No.: SIGRC73

FOUR-STAR 60 KIT

If you've already flown a Four-Star 40 or Four-Star 120, you know what great airplanes they are. Their blend of ultra-simple construction, classic looks, and outstanding flight performance has made them two of the most popular R/C models of this era. As you would expect, the Four-Star 60 inherits all of the characteristics that have made the other two Four-Stars so popular. **QUICK BUILDING!** State of the art CAD drawn plans and LASER-CUT parts assure you of precise parts fit and perfect alignment. The lite-ply fuselage and simple wing design get the Four-Star 60 out to the flying field in short order. **EASY FLYING!** With a wing loading that would do many trainers proud, the Four-Star 60 is easy to fly, yet will perform all the free-style aerobatics your thumbs can keep up with. Day in and day out, the Four-Star 60 will be the sport model you'll want to take to the flying field every day.

KEY FEATURES:

- Laser-Cut Balsa And Plywood Parts
- Pre-Shaped Leading And Trailing Edges
- Formed Aluminum Main Landing Gear
- Mounting Bracket
- Photo-Illustrated Assembly Manual
- Molded Clear Plastic Canopy
- Large Decal Sheet With Instrument Panel
- Engine Mounts
- All Pushrods
- SIG Easy Hinges
- Complete Hardware Pack
- Extensive Prefabrication
- Pre-Cut Ailerons, Elevators And Rudder
- Formed Tailwheel Wire With Nylon
- CAD Drawn Full-Size Plans
- Top Quality SIG Balsa And Plywood

SPECIFICATIONS:

Wing Span:	71 in.	(1803 mm)
Wing Area:	920 sq. in.	(80.3 dm ²)
Length:	57 in.	(1447 mm)
Flying Weight:	7 - 8 lbs.	(3200 - 3600 g)
Wing Loading:	17.5 - 20 oz./sq. ft.	(40 - 45 g/dm ²)

Radio Required: 4-Channel

Engine Required: 2-Stroke .60 - .75 cu. in. (10.0 - 12.3 cc)

4-Stroke .65 - .90 cu. in. (10.7 - 14.7 cc)



FOUR-STAR 120



Order No.: SIGRC65

FOUR-STAR 120 KIT

The Legend Gets Bigger . . .

Thousands of modelers just like you have already built and flown the SIG FOUR-STAR 40, making it one of the most popular R/C models on the market. Now we've taken all of the unique design features of the FOUR-STAR 40 and reproduced them on a grander scale. The FOUR-STAR 120 has a near perfect blend of simple construction, classic looks, and outstanding flight performance. Easy to build lite-plywood fuselage construction, fast building wing, pre-shaped balsa leading edges. With a wing loading like a trainer, the FOUR-STAR 120 is easy to fly yet will perform all the free-style aerobatics your thumbs can keep up with. The impressive size of the FOUR-STAR 120 (IMAA legal) makes for smooth aerobatics and ultra-slow landings. Quality hardware pack includes landing gear, canopy, engine mount, pushrods, hinges, decal sheet, etc.

KEY FEATURES:

- Laser Cut Parts
- Fast-Building Wing with Spruce Spars
- Machine-Cut Sheet Balsa Control Surfaces
- Photo-Illustrated Assembly Manual
- Complete Hardware Package & Pushrods
- Rugged Formed Aluminum Landing Gear
- SIG Easy Hinges
- Performs Smooth Aerobatic Maneuvers
- Outstanding Slow Speed Characteristics
- Simple Lite-Ply Fuselage Construction
- Shaped Balsa Leading Edge - No Carving!
- CAD Drawn Plans for Precise Fit
- Three Big Decal Sheets
- Universal-Design Engine Mounts
- Formed Tailwheel Wire and Nylon Bracket
- IMAA Legal

SPECIFICATIONS:

Wing Span:	81 in.	(2057 mm)
Wing Area:	1205 sq. in.	(77.7 dm ²)
Length:	65 in.	(1651 mm)
Flying Weight:	10.5 - 12 lbs.	(4760 - 5440 g)
Wing Loading:	20 oz./sq. ft.	(61 - 70 g/dm ²)

Radio Required: 4-Channel with 5 Servos**Engine Required:** 2-Stroke .90 - 1.20 cu. in. (15 - 20 cc)
4-Stroke 1.20 - 1.60 cu. in. (20 - 26 cc)*Optional Molded Plastic Wheel Pants are available for the Four-Star 120 Kit*

Order No.: SIGSH744

SOMETHIN' EXTRA[®]



Order No.: SIGRC76

KIT

SOMETHIN' EXTRA[®] KIT

Introduced at the 1998 National Model and Hobby Show, the new SIG SOMETHIN' EXTRA[®] was a major hit with retailers and consumers alike! The SOMETHIN' EXTRA[®] has it all; good looks, incredible performance, SIG quality balsa and ply construction and every part in the kit is laser-cut! This SIG kit can literally be built as fast as the modeler can apply CA glue and set it with accelerator.

The SOMETHIN' EXTRA[®] employs a unique removable wing feature, based on an ultra-light and ultra strong tube system. This allows for super-easy building, transport and storage. The flying capabilities of this model are virtually unlimited due to its thick airfoil section and very light wing loading. Of course, everything required to build the kit is included, right down to the great looking landing gear and wheel pants.

KEY FEATURES:

- 100% Laser-Cut Parts For Absolute Accuracy and Fast Building
- Famous SIG Quality Balsa and Ply
- Complete Hardware Packages Included
- High-Quality .090 Hardened Aluminum Pre-Formed and Pre-Drilled Landing Gear
- Precision Molded Wheel Pants
- Crystal Clear Canopy
- Complete Photo-Illustrated Assembly Manual For Fast, Easy Assembly
- Full-Size CAD-Generated Plans - Rolled
- Design Incorporates Removable Wing Panels For Easy Storage and Transport
- Fantastic Performance Using Either .40 - .46 2-Stroke or .56 - .65 4-Stroke Engines
- The Perfect Club Contest Airplane

SPECIFICATIONS:

Wing Span:	51.5 in.	(1308 mm)
Wing Area:	614 sq. in.	(39.6 dm ²)
Length:	48.25 in.	(1225 mm)
Flying Weight:	4.25 - 4.75 lbs.	(1928 - 2155 g)
Wing Loading:	15.9 - 17.8 oz./sq. ft.	(48.7 - 54.4 g/dm ²)

Radio Required: 4-Channel with 5 Servos
Engine Required: 2-Stroke .40 - .46 cu. in. (6.5 - 7.5 cc)
4-Stroke .56 - .65 cu. in. (9.2 - 10.7 cc)



RASCAL R/C KIT

There was a simpler time when the lines of a model airplane could have an almost magical effect on a modeler. The Rascal R/C is that kind of model. Specifically designed to be powered by either a geared Speed 400 electric motor or .049-.074 R/C glow engines, the Rascal performs like no other plane in its class. Loops, rolls and many other magical maneuvers are but a take off away. This CAD aided design is almost totally laser-cut with quality graded SIG AAA balsa. This kit features full sized, rolled plans, a completely illustrated instruction manual, SIG hardware, beautiful decals including a full color instrument panel, and a gorgeous set of molded wheel pants.

KEY FEATURES:

- Classic looks
- Laser cut parts
- Full size rolled plans
- Includes molded wheel pants
- Clear windshield and side windows
- Complete hardware package
- Fully illustrated step-by-step instructions

SPECIFICATIONS:

Wing Span:	49 in.	(1245 mm)	
Wing Area:	324 sq. in.	(20.9 dm ²)	
Length:	32.5 in.	(825.5 mm)	
Flying Weight:	Electric*	22 - 24 oz. (625 - 680 g)	(* Including weight of 7-Cell Nicad Battery Pack)
	Glow:	18 - 20 oz. (510 - 567 g)	

Radio Required: 3-Channel

Power Options: Electric - Speed 400 Motor and Gear Drive Unit, or .049 - .074 2-Stroke Glow Engine

3-Channel Control: Rudder, Elevator, and Throttle



Order No.: SIGRC80

MID-STAR 40 KIT

Are you a novice R/C pilot looking to move up from a high-wing trainer? Are you an intermediate pilot looking for a fully aerobatic sport model? Or are you an advanced pilot looking for a kit that builds fast and is just plain fun? Look no further! The MID-STAR 40 is your answer! The MID-STAR 40 is a great way to launch into the wild world of aerobatics. When you're ready to return to earth, the MID-STAR 40 will settle down for slow, gentle landings every time. Novices and experts alike will appreciate the removable fuel tank hatch the stylish canopy that comes off with one screw, and the simple overall design. The structure is sturdy enough for the toughest weekend flying. If you're looking for sport flying at its best, you'll find it in the SIG MID-STAR 40.

KEY FEATURES:

- Laser-Cut Lite-Ply Fuselage
- Simple Balsa Wing Design
- Pre-Cut Tail Surfaces
- 2 Big Decal Sheets
- SIG Easy Hinges
- Builds Fast!
- High Performance
- Mid-Wing Stability
- Low Building Time

SPECIFICATIONS:

Wing Span:	64.5 in.	(1638 mm)
Wing Area:	630 sq. in.	(40.7 dm ²)
Length:	47.5 in.	(1207 mm)
Flying Weight:	5 lbs.	(2268 g)
Wing Loading:	18.3 oz./sq. ft.	(55.7 g/dm ²)

Radio Required: 4-Channel

Engine Required: 2-Stroke .30 - .40 cu. in. (4.9 - 6.5 cc)

4-Stroke .40 - .50 cu. in. (6.5 - 8.2 cc)



Order No. SIGRC56

HOG-BIPE KIT

Since 1957, thousands of modelers have been delighted with the slow flying, yet fully aerobatic, flight performance of the original ASTRO-HOG. As the old saying goes, "NOTHING FLIES LIKE A HOG!". Well, now you can have the same easy flying aerobatic performance in a sport biplane design - the SIG HOG-BIPE. Just like the ASTRO-HOG, the HOG-BIPE performs any maneuver in the book, yet flies slow enough to let you enjoy it. This is barnstorming at its best! The HOG-BIPE kit is fast building and easy to assemble. Computer accurate parts that fit together perfectly make it easy for the average builder to successfully assemble an accurate, straight flying biplane. The large photo-illustrated assembly manual takes you through every step of the assembly.

KEY FEATURES:

- Classic looks
- Formed Aluminum Landing Gear and Cabane Struts
- Molded ABS Plastic Headrest and Wheel Pants
- Quick Building Lite-Ply Fuselage
- Traditional Built-Up Balsa Wing
- Photo-Illustrated Assembly Manual
- CAD Drawn Plans
- Engine Mounts
- SIG Easy Hinges
- Complete Hardware

HOG-BIPE



Order No.: SIGRC69

SPECIFICATIONS:

Wing Span:	Top: 54.5 in.	(1384 mm)
	Bottom: 51.75 in.	(1315 mm)
Total Wing Area:	966 sq. in.	(62.3 dm ²)
Length:	50 in.	(1270 mm)
Flying Weight:	6.5 - 7.5 lbs.	(3175 - 3630 g)

Radio Required: 4-Channel

Engine Required: 2-Stroke .60 - .65 cu. in. (10 - 10.7 cc)
4-Stroke .65 - .90 cu. in. (10.7 - 15 cc)

EXTENSIVE PREFABRICATION:

- 38 Laser-Cut Parts
- Precision Die-Cutting
- Pre-Shaped Leading Edges
- Pre-Shaped Trailing Edges
- Pre-Shaped Ailerons, Elevators, Rudder

ASTRO-HOG KIT

The Airplane That "WROTE THE BOOK" On R/C Aerobatics. This legendary model got R/C aerobatics off the ground in 1957. As the first successful low-wing R/C model, it swept the top four places at the '58 Nationals and pioneered the unlimited aerobatic capability, we take for granted today. Obviously, the ASTRO-HOG is no longer competitive with today's high-tech pattern ships, but it does offer the modern sport flier amazing aerobatic performances in a super stable, easy-to-fly model. The ASTRO-HOG will perform any maneuver in the book, yet it flies slow enough to let you enjoy it! So gentle, some people have used it as a primary trainer. Ideal for 4-stroke engines! FOR PILOTS WHO FLY FOR FUN!

Nothing Flies Like A Hog . . .

KEY FEATURES:

- Precision Die-Cut and Sawn Parts To Speed Assembly
- Detailed Full-Size Plans & Photo-Illustrated Assembly Manual
- Semi-Symmetrical NACA-2415 Airfoil For Aerobatics and Gentle Stall Characteristics
- Standard Trike Landing Gear (plans also show optional tail dragger gear)
- Responsive Strip Ailerons
- Bolt-On Wing Mounting
- Molded ABS Plastic Headrest
- SIG Easy Hinges
- Complete Hardware Pack

ASTRO-HOG



Order No.: SIGRC55

SPECIFICATIONS:

Wing Span:	71 in.	(1803 mm)
Wing Area:	824 sq. in.	(53.2 dm ²)
Length:	51 in.	(1295 mm)
Flying Weight:	7 - 7.5 lbs.	(3175 - 3402 g)

Radio Required: 4-Channel with 4 Servos

Engine Required: 2-Stroke .40 - .60 cu. in. (6.5 - 10.0 cc)
4-Stroke .60 - .80 cu. in. (10.0 - 13.1 cc)



SEALANE KIT

Taxi gently away from the dock and head for open water. Increase power and watch the water spray behind you as the hull lifts smoothly off the water. Gentle, graceful, responsively solid. Then turn-it-on; loops, rolls, even inverted flight! You would never think this was a seaplane. Settle back for a smooth touchdown into the sunset and taxi back to the dock with solid, positive control, even in crosswinds. The Sealane features a strong one-piece removable wing allowing easy access to all your radio gear. The high mounted forward facing engine pylon keeps your engine high and dry. While the Sealane is no landlubber, SIG includes instructions for optional installation of a fixed gear and tail dragger landing gear. Simply add the main and tail wheel assemblies (not included), detach the tip floats, and burn up the skies at your local flying field. The Sealane is the perfect choice for your first-time seaplane. The Sealane builds quickly with precision laser cut wood parts; full-size rolled plans and illustrated assembly manual leaving nothing to the imagination, even for the novice builder. Includes a quality hardware package.



Order No.: SIGRC85

SPECIFICATIONS:

Wing Span:	60.5 in.	(1537 mm)
Wing Area:	674 sq. in.	(43.5 dm ²)
Fuselage Length:	52.75 in.	(1340 mm)
Flying Weight:	6 - 7 lbs	(2720 - 3175 g)

Radio Required: 4 Channel with 4 Standard Servos

Engine Required: 2-Stroke .40 - .53 (6.5 - 8.7 cc)
4-Stroke .40 - .50 (6.5 - 8.2 cc)

KAVALIER KIT

The heart of this beautiful airplane is its superior wing design! The light, strong, built-up balsa structure incorporates built-in wingtip washout for superior stability and control. Even expert pattern fliers are impressed with the KAVALIER's smooth, responsive flying ability. Make perfectly coordinated, in-the-groove turns. Fly through any aerobatic maneuver with rock solid precision. Flare out for slow, main gear only landings with no tendency to stall or snap roll. Highly recommended as a student pilot's second model!

KEY FEATURES:

- Balsa Fuselage
- Thick, Semi-Symmetrical Airfoil
- Differential Aileron Control Horns
- Nylon Control Horns
- Photo-Illustrated Assembly Manual
- SIG Easy Hinges
- Steerable Nose Gear
- Engine Mounts
- Molded Clear Canopy
- Hardware Package
- Full Size Plans
- Balsa Wing with Built-In Washout
- Injection Molded Cowling
- Formed Aluminum Landing Gear
- Bolt-On or Rubber Band Wing Mounting

SPECIFICATIONS:

Wing Span:	55.5 in.	(1410 mm)
Wing Area:	575 sq. in.	(37.1 dm ²)
Length:	45.75 in.	(1162 mm)
Weight:	5.5 - 6 lbs.	
Wing Loading:	22 to 24 oz./sq. ft.	

Radio Required: 4-Channel

Engine Required: 2-Stroke .29 - .40 (4.8 - 6.5 cc)



Order No.: SIGRC39

HUMMER KIT

1/2 THE COST!
1/2 THE BUILDING TIME!
ALL THE FUN!
1/2A R/C SPORT MODEL

- MEETS 1/2A RACING RULES
- FULLY SYMMETRICAL AIRFOIL
- LOW WING LOADING
- AILERON AND ELEVATOR CONTROL
- REMOVABLE HATCH FOR EASY ACCESS
- ROOM FOR STANDARD SIZE SERVOS

KEY FEATURES:

- Strong Built-Up Balsa Wing
- Sheet Balsa Tail Surfaces
- Precision Die-Cut Parts
- Formed Aluminum Landing Gear
- Lightweight Plastic Wheels
- Molded Clear Plastic Canopy
- Nylon Tube Elevator Pushrod
- Aileron Torque Rods
- SIG Easy Hinges
- Full-Size Plan
- Illustrated Assembly Manual
- Hardware Pack

HUMMER



Order No.: SIGRC50

SPECIFICATIONS:

Wing Span:	34 in.	(864 mm)
Wing Area:	212.5 sq. in.	(13.9 dm ²)
Length:	30.75 in.	(781 mm)
Flying Weight:	20 - 26 oz.	(567 - 737 g)
Wing Loading:	13.5 - 17.6 oz./sq.ft.	

Radio Required: 2-Channel

Engine Required: 2-Stroke .049 - .061 (0.8 - 1.0 cc)

FAZER KIT

Are you tired of "fun fly" models that look like a Hershey bar attached to a popsicle stick? Well sports fans, take a look at the SIG FAZER! This eye-catching fun fly machine is modeled after one of the most recognized aerobatic aircraft of all time - Leo Loudenslager's Bud Light LAZER. Aerodynamically the SIG FAZER is a state-of-the-art fun fly machine, capable of tight loops and super fast rolls. The FAZER also excels at knife-edge flight, spins, snap rolls, and all the other maneuvers in Leo's bag of tricks. Before long, you'll be doing things that even Leo hasn't tried! The conventional 2-wheel main landing gear, along with a steerable tailwheel, gives the FAZER superior ground handling characteristics. CAD generated plans and tooling ensures a precise parts fit.

KEY FEATURES:

- Easy-to-Build All Wood Design
- Shaped Balsa Profile Fuselage
- Built-Up Balsa Wing
- Formed Aluminum Landing Gear
- Photo-Illustrated Assembly Manual
- CAD Drawn Plans
- SIG Easy Hinges
- Hardware Package
- Large Decal Sheet

SPECIFICATIONS:

Wing Span:	48 in.	(1219 mm)
Wing Area:	697 sq. in.	(45 dm ²)
Length:	40 in.	(1016 mm)
Flying Weight:	3-1/2 - 4 lbs.	(1590 - 1814 g)
Wing Loading:	11.6 - 13.2 oz./sq. ft.	

Radio Required: 4-Channel w/5 servos (2ail, 1ele, 1rud, 1thr)

Engine Required: 2-Stroke .25 - .40 (4.1 - 6.5 cc)
 4-Stroke .40 - .50 (6.5 - 8.2 cc)

FAZER



Order No.: SIGRC68



ULTIMATE FUN FLY KIT

The SIG Ultimate Fun Fly was modeled after one of the most recognized biplanes on the air show circuit today, the Ultimate 10-300. This biplane has captured the imagination of many modelers with its distinctive looks and outstanding flight performance. Following in the footsteps of the popular SIG Fazer, the Ultimate Fun Fly is an easy to build all wood design with a profile fuselage and traditional build-up balsa wings. The flight performance of the Ultimate Fun Fly is AWESOME! Super tight loops, lightningfast rolls, flat spins, knife edge flight, and hovering are just a few of the maneuvers, that this model can perform.

The CAD (Computer Aided Drafting) drawn plans, computer generated tooling, and laser cut parts ensures the modeler that all the parts will fit precisely the way they were intended. The laser cutter has allowed us to design the parts in this model to greatly simplify its construction. One other benefit of the laser cutter is that all the critical alignment holes in the cabane and interplane struts are pre-cut allowing the wings to be set at their proper incidences during assembly.

KEY FEATURES:

- Laser Cut Balsa and Plywood
- Pre-Shaped Balsa Leading and Trailing Edges
- Router-Cut Balsa Profile Fuselage
- Pre-Bent Aluminum Landing Gear
- Molded Plastic Wheel Pants and Servo Covers
- SIG Easy Hinges
- Large Decal Sheets
- Glass Filled Engine Mount
- Complete Hardware Package
- Photo-Illustrated Assembly Manual

SPECIFICATIONS:

Wing Span:	42 in.	(1067 mm)
Wing Area:	798 sq. in.	(51.5 dm ²)
Length:	43.5 in.	(1105 mm)
Flying Weight:	4.5 lbs.	(2041 g)
Wing Loading:	13 oz./sq. ft.	(39.6 g/dm ²)

ULTIMATE FUN FLY



Order No.: SIGRC71

Radio Required: Min 4-Channel with 5 servos
Engine Required: 2-Stroke .32-.46 (5.2 - 7.5 cc)
 4-Stroke .40-.50 (6.5 - 8.2 cc)

WONDER KIT

Wonder how it flies? Wonder IF it flies? Your first adrenalin pumping, action packed, speed blurred WONDER flight will answer those questions in a big hurry! The WONDER is best described as a very fast, go-where-you-point-it, turn-it-quick-or-it'll-be-gone kind of plane, designed for hot-thumbed R/C pilots. With an .09 or a .10 size engine, the WONDER is actually a very nimble, aerobatic, smooth flying sport plane, but with a snarlin' .15 or .19 up front, it's a hand launched hot rod! Landings are no sweat thanks to the thick symmetrical airfoil and the light wing loading. C'mon, shake things up and take a walk on the wild side of sport flying. Fly a WONDER.

CAUTION: The Wonder is not recommended for beginners or the faint of heart. It's FAST!

KEY FEATURES:

- Simple Balsa/Ply Construction
- Hardwood Landing Skid
- Photo-Illustrated Assembly Manual
- Full-Size Plan
- SIG Easy Hinges
- Engine Mounts
- Hardware Package

Order No.: SIGRC66

SPECIFICATIONS:

Wing Span:	37.5 in.	(953 mm)
Wing Area:	338 sq. in.	(21.8 dm ²)
Flying Weight:	26 - 38 oz.	(737 - 1075 g)

Radio Required: 2-Channel (ail, ele)
 3-Channel (ail, ele, throttle)
Engine Required: 2-Stroke .09-.19 (1.5 - 3.1 cc)

WONDER



KOBRA KIT

A Compact R/C Sport Pattern Model!

Are you having trouble shoe-horning a big model into a small car or small apartment? The little Kobra provides "hot dog" performance in a compact, easy to transport size. All of the great flying characteristics of our popular Kougar and King Kobra have been reduced into this junior-size bundle of excitement. The same sleek jet-style look, the same wall-to-wall aerobatic capabilities, the same built-in wing washout for slow speed stability, the same easy-to-build balsa fuselage with the unique formed plastic top - only in a smaller package! The Kobra even penetrates the wind like a much bigger model and there is plenty of room inside for standard size radios.

KEY FEATURES: Built-Up Balsa Wing, Basic Balsa Box Fuselage Structure, Molded ABS Plastic Fuselage Top and Jet-Style Clear Canopy, Sheet Balsa Tail Surfaces, Formed Landing Gear Wires, Steerable Nose Gear, Full-Size Plans, Photo-Illustrated Assembly Manual, Kobra Decals, SIG Easy Hinges, Engine Mounts, Complete Hardware Pack

Order No.: SIGRC53



SPECIFICATIONS:

Wing Span: 45 in. (1143 mm)
 Wing Area: 390 sq. in. (25.1 dm²)
 Length: 39.25 in. (997 mm)
 Flying Weight: 3.25 lbs. (1470 g)

Radio Required: 4 Channel

Engine Required: 2-Stroke .19 - .35 (3.1 ñ 5.7 cc)

KING KOBRA KIT

R/C Sport Pattern Model For 60 Engines

If a fast roll rate, sizzling vertical climb, and dazzling good looks turn you on, take a close look at the King Kobra. The foam core wing and unique fuselage construction get you in the air fast with a model that looks as good as it flies! If you want the largest and best performing model you can get without spending a lot of money, it's hard to beat a .60 size pattern plane. The King Kobra fly's great with a sport .60 R/C engine and it's big enough to dazzle the crowds and to easily see, even at extreme distances. If you want to soup this model up to the max, the building instructions include tips on tuned pipes and retracts. A fully symmetrical wing and airfoiled stabilizer make the King Kobra fly super smooth. It can make an average Sunday flier look like an expert!

KEY FEATURES: Pre-Cut Foam Wing Cores, 1/16 in. Balsa Wing Sheeting, Basic Balsa Box Fuselage Structure, Molded ABS Plastic Fuselage Top and Jet-Style Clear Canopy, Built-Up Airfoiled Stabilizer, Formed Landing Gear Wires, Steerable Nose Gear, Injection-Molded Plastic Cowling, Full-Size Plans, Photo-Illustrated Assembly Manual, King Kobra Name Decal, SIG Easy Hinges, Engine Mounts, Standard Trike Landing Gear and Complete Hardware Pack.

Order No.: SIGRC54



SPECIFICATIONS:

Wing Span: 58 in. (1473 mm)
 Wing Area: 700 sq. in. (45.1 dm²)
 Flying Weight: 7.5 lbs (3400 g)
 Wing Loading: 25 oz./sq.ft.

Radio Required: 4 Channel

Engine Required: 2-Stroke .60 cu.in. (10 cc)



KOUGAR MARK II

Kougar "modern Thunderbird"
color scheme

Order No.: SIGRC35



KOUGAR MARK II KIT

If you are looking for an R/C model that is easy to build and exciting to fly, the KOUGAR is for you! This sleek jet-style airplane has a fully symmetrical wing section for smooth pattern-like aerobatics. The KOUGAR will do every stunt in the book, yet it is not difficult for low-time pilots to handle. Ample wing area and a thick airfoil provide outstanding slow speed stability. Built-in wing "washout" eliminates tip stalling, enabling the KOUGAR to be slowed down to a walk for realistic nose-high landings. The KOUGAR is highly recommended as an introduction to low-wing flying and for beginning pattern competitors. Don't let the KOUGAR's racy lines worry you. Construction of this sport model is simple and straight forward. The load-carrying and equipment-carrying portion of the fuselage is basic balsa box structure. Once that is built, you add a molded plastic fuselage top, a molded clear plastic canopy, and a molded plastic cowling, to give the KOUGAR its modern jet-style shaped. The wings are white foam core with 1/16 in. thick balsa sheeting. Tail surfaces are sheet balsa.

KEY FEATURES:

- Pre-Cut Foam Wing Cores
- 1/16 in. Balsa Wing Sheeting
- Basic Balsa Box Fuselage Structure
- Molded ABS Plastic Fuselage Top
- Molded Jet-Style Clear Canopy
- Injection-Molded ABS Plastic Cowling
- Sheet Balsa Tail Surfaces
- Formed Landing Gear Wires
- Steerable Nose Gear
- Photo-Illustrated Assembly Manual

SPECIFICATIONS:

Wing Span:	45 in.	(1143 mm)
Wing Span:	50 in.	(1270 mm)
Wing Area:	540 sq. in.	(34.8 dm ²)
Length:	47 in.	(1194 mm)
Flying Weight:	5.5 to 6 lbs.	(2500 - 2720 g)
Wing Loading:	23 - 25 oz./sq.ft.	

Radio Required: 4-Channel

Engine Required: 2-Stroke .40 - .60 (6.5 - 10 cc)

Hardware Package:

- Control Horns
- Nose Gear Bearing
- SIG Easy Hinges
- Fiberglass Wing Tape
- Bolts, Nuts, Screws
- Torque Rods
- R/C Links and Rods
- Engine Mounts



Kougar "early Thunderbird"
color scheme

NOTES ON KOUGAR COLOR SCHEMES:

Since the KOUGAR is a sport model, not a scale model, no decals are included in the kit. However, after numerous requests, SIG does have available several decal sheets that make it easy for you to decorate your KOUGAR to look like the world famous U.S. Air Force Thunderbirds. You can duplicate either the early period silver Thunderbird scheme or the white "team number" color scheme that the Thunderbirds use today.

For early-period Thunderbird markings order:

Kougar Stars & Bars Decal Sheet Order No.: SIGDKM235AB
Kougar Black Lettering Sheet Order No.: SIGDKM235AC

For modern Thunderbird Team markings order:

Kougar Team Numbers Sheet Order No.: SIGDKM235B
Kougar Team Insignia Sheet Order No.: SIGDKM235C



Optional SIG Kougar ACCESSORY KIT

All the accessories you need to complete your Kadet Senior. Wheels, Wheel Collars, Fuel Tank, Fuel Line, Throttle & Nose Gear Pushrods, Spinner.

Order No.: SIGAK235



SMITH MINIPLANE KIT

Historically, the SMITH MINIPLANE is one of the designs that helped start the modern homebuilding era. Originally designed and built in 1957 by Frank Smith of Fullerton, California, the MINIPLANE was an early example of engineering with the amateur homebuilder and weekend pilot in mind. It could be constructed with tools easily within reach of the average craftsman, and in the air, it was stable and easy to fly. The top wing spanned 17 ft., and the empty weight was a mere 600 pounds. Powered by a 100hp Lycoming, the tiny MINIPLANE cruised at 120 mph, climbed at a fantastic 2,500 ft. per minute, and was highly aerobatic. It was just what many sportsman pilots were looking for! In 1974, Glen Sigafoose, then President of SIG Mfg. Co., acquired a complete SMITH MINIPLANE to use for aerobatic practice. Glen's beautiful red, white, and black aircraft was the inspiration for this mini version of the MINIPLANE.

KEY FEATURES:

- Semi-Symmetrical Airfoil
- Outstanding Roll Rate
- Precision Die-Cut Formers & Ribs
- Formed Landing Gear Wires
- Formed Wire Cabane Struts
- Engine Mounts
- Complete Hardware Pack
- Molded Plastic Cowling, Wheel Pants, and Headrest
- Full-Size Plans
- Colorful Self-Adhesive Decals
- Illustrated Assembly Manual
- Scale 3-View Drawing

SPECIFICATIONS:

Wing Span:	44 in.	(1118 mm)
Wing Area:	650 sq. in.	(41.9 dm ²)
Length:	40.375 in.	(1026 mm)
Flying Weight:	5.25 lbs.	(2380 g)

SMITH MINIPLANE



Order No.: SIGRC38

Radio Required: 4-Channel
Engine Required: 2-Stroke .40 - .45 (6.5 - 7.5 cc)

CITABRIA KIT

IDEAL FOR SUNDAY FLYING OR SPORT SCALE COMPETITION

The CITABRIA can certainly be called this generation's barnstormer. Its role in general aviation for the past three decades, as a sport aerobatic trainer and an economical utility vehicle, is unequalled by any other recent production aircraft. The CITABRIA was introduced in the early 1960s by the Champion Aircraft Corp. as a sporty alternative for private pilots who wanted something different than an all-metal nosewheel airplane. It was a direct descendant of the venerable Aeronca Champ. By spelling aerobatic backwards, they came up with the name CITABRIA. Sport fliers fell in love with the CITABRIA because, even though it had more horsepower and new aerobatic capability, it is still a sweet flying Champ at heart. This scale model of the CITABRIA flies just as good as the original! Its big flat-bottomed wing makes it easy and gentle to fly. Loops, rolls, hammerheads, Immelman turns, and spins are all part of its aerobatic routine. The CITABRIA can bring you hours of enjoyable R/C flying.

KEY FEATURES:

- Rugged Balsa/Ply Construction
- Exact Scale Outlines Of A Post-1974 Citabria
- Strong One-Piece Wing Design
- Precision Die-Cut Formers & Ribs
- Molded Plastic Cowling and Wheel Pants
- Formed Aluminum Landing Gear
- Nylon Tail Wheel Bracket & Formed Tail Wheel Wire
- Engine Mounts
- Complete Hardware Pack
- Authentic Decals
- Illustrated Assembly Manual
- Scale 3-View Drawing

SPECIFICATIONS:

Wing Span:	69 in.	(1753 mm)
Wing Area:	740 sq. in.	(47.7 dm ²)
Length:	47 in.	(1194 mm)
Flying Weight:	7 lbs.	(3175 g)

CITABRIA



Order No.: SIGRC30

Radio Required: 4-Channel
Engine Required: 2-Stroke .35 - .50 (5.7 - 8.2 cc)
 4-Stroke .45 - .61 (7.5 - 10 cc)



1/4-SCALE SPACEWALKER II KIT

Although highly popular with the giant-scale crowd, our 1/3-Scale SPACEWALKER is simply too big for some modelers to haul around. In response to all of you who asked for a smaller version, we bring you the 1/4-Scale SPACEWALKER II. Legal for IMAA and QSAA fly-ins, this is an exact 1/4-scale model with the heart of a sport model. It's made for flying! The thick semi-symmetrical airfoil and long tail moment provide perfect stability and low speed handling. At full-throttle, it will do all the aerobatics you ever dreamed of.

KEY FEATURES:

- Balsa/Ply/Spruce Construction
- Molded ABS Plastic Cowling
- Molded ABS Plastic Dummy Engine Cylinders
- Molded ABS Plastic Wingtips and Wheel Pants
- Formed Wire Landing Gear
- Scale Leaf-Spring Tailwheel Assembly
- Cable Controls for Rudder
- Fiberglass Elevator Pushrod
- Flex Cable Throttle Pushrod
- Hardware Pack
- Full Size Plans
- Assembly Manual
- Three-View Drawing
- Authentic Decals

SPACEWALKER II 1/4 SCALE



Order No.: SIGRC59

SPECIFICATIONS:

Wing Span: 84 in. (2134 mm)
 Wing Area: 1110 sq. in. (71.6 dm²)
 Length: 60.5 in. (1537 mm)
 Flying Weight: 11 - 13 lbs. (5000 - 5900 g)

Radio Required: 4-Channel
 Engine Required: 2-Stroke .90 - 1.20 (15 - 20 cc)
 4-Stroke 1.20 - 1.60 (20 - 26 cc)

1/3-SCALE SPACEWALKER KIT

Inspired by Aviation's Golden Era

Although it looks like it's straight out of the 1930's, don't bother looking up this one in your aviation history books. The Spacewalker was designed by Jesse Anglin of Hendersonville, North Carolina, and first flew in 1986! Despite the fact it is a new design, the Spacewalker manages to capture all the spirit of Aviation's Golden Era. SIG brings you the Spacewalker in 1/3 scale. Every effort has been made to retain the scale features of this charming homebuilt. Plans for the full-size aircraft were scaled down for the ultimate in accuracy. Construction is easy with pre-formed fiberglass parts and SIG's famous photo-illustrated assembly manual. In the air, it is certain to please. Designed from the start to handle any kind of sport aerobatics, it has proven to be one of our most exciting models to fly. The big wing, thick airfoil, and long tail moment all make for stable approaches and soft, slow landings. But before coming back to Earth, it will do enough loops, rolls, snaps, and spins to make any sport pilot happy.

SPACEWALKER 1/3 SCALE

KEY FEATURES:

- Fiberglass Cowling, Wingtips, & Wheel Pants
- Molded Plastic Dummy Cylinders & Small Scale Details
- 3-Piece Wing With Aluminum Wing Joiners
- Rugged Cable Control System
- Photo-Illustrated Assembly Manual
- 4 Sheets Full-Size Plans
- 3-View Drawing
- Authentic Decals, Paint Scheme Patterns
- Fiberglass Elevator Pushrod
- Scale Leaf-Spring Tailwheel Assembly

Hardware Pack Includes: Wing Bolts, Wheel Collars, Wheel Pant Mounts, Giant-Scale Hinges, Tail Brace Wires, Throttle Pushrod, Elevator Horn, Rudder Horn, R/C Links, Etc.



Order No.: SIGRC61

SPECIFICATIONS:

Wing Span: 104 in. (2642 mm)
 Wing Area: 1800 sq. in. (116.1 dm²)
 Length: 72 in. (1829 mm)
 Flying Weight: 20 lbs. (9000 g)

Radio Required: 4-Channel with 5 Servos
 Engine Required: 2-Stroke 1.5 - 2.4 (25 - 40 cc)
 4-Stroke 1.8 - 3.0 (30 - 50 cc)

1/4-SCALE PIPER J-3 CUB KIT**AMERICA'S FAVORITE LIGHT PLANE!**

The yellow Piper J-3 Cub is one of aviation's genuine classics. More than 20,000 Cubs were built between 1937 - 1947, and for years after that, it was the most commonly seen airplane at airports all over the country. Forgiving flight characteristics, light wing loading, and hands-off stability made it perfect for America's weekend pilots. The Cub design is ideal for R/C flying and makes an excellent first-time 1/4-scale building project.

EASY TO TRANSPORT TWO-PIECE WING DESIGN

The center-section comes off the fuselage when the wing panels are removed, allowing complete access to the radio gear and fuel tank through the open top of the cabin.

KEY FEATURES:

- Top Quality SIG Balsa and Plywood
- Precision Die-Cut Parts
- Molded ABS Plastic Engine Cowling
- Molded Plastic Scale Dummy Engine, Bungee Covers, and Air Cleaner
- Fiberglass Elevator and Rudder Pushrods
- Scale Leaf-Spring Steerable Tailwheel
- Formed Wire Main Landing Gear
- Spruce and Aluminum Wing Struts
- Brass Tube Jury Struts
- Adjustable Tail Brace Wires
- Authentic Decals
- Photo-Illustrated Assembly Manual
- Complete Hardware Pack

PIPER J-3 CUB 1/4 SCALE

Order No.: SIGRC48

SPECIFICATIONS:

Wing Span: 105 in. (2667 mm)
 Wing Area: 1600 sq. in. (103.2 dm²)
 Length: 67 in. (1700 mm)
 Flying Weight: 14 - 16 lbs. (6350 - 7258 g)

Radio Required: 4-Channel with Heavy-Duty Servos
Engine Required: 2-Stroke .60 - .90 (10 - 15 cc)
 4-Stroke .90 - 1.50 (15 - 25 cc)

1/6-SCALE PIPER J-3 CUB KIT

The classic yellow PIPER J-3 CUB is America's all-time favorite light plane! The light wing loading, hands-off stability, and forgiving flight characteristics that made the Cub so popular with full-scale pilots are also ideal for model builders. The Cub design is nearly perfect for R/C flying - making a beautiful scale model that is easy to fly. This is the all-time classic Cub kit originally designed by Chuck Hollinger over 40 years ago. The kit features built-up balsa construction for a strong structure without excess weight. Very realistic in flight!

KEY FEATURES:

- Simple Balsa/Ply Construction
- Strong One-Piece Wing
- Molded Plastic Cowling
- Formed Wire Landing Gear
- Spruce Wing Struts
- Authentic Decals
- Engine Mounts
- Full-Size Plans
- Illustrated Assembly Manual
- Hardware Package

PIPER J-3 CUB 1/6 SCALE

Order No.: SIGRC3

SPECIFICATIONS:

Wing Span: 71 in. (1800 mm)
 Wing Area: 700 sq. in. (45.2 dm²)
 Length: 43.5 in. (1100 mm)
 Flying Weight: 5 - 5.5 lbs. (2268 - 2500 g)

Radio Required: 4-Channel
Engine Required: 2-Stroke .25 - .40 (4.1 - 6.5 cc)
 4-Stroke .40 - .45 (6.5 - 7.5 cc)

NOTE: The dummy engine, laminated scale prop, and opening door on the CUB in this picture are not included in the kit. Modeler Charles Viosca built this superior example from the kit and added those extra scale details himself.

Hazel Sig's World Famous Clipped Wing Piper Cub

In 1969, Hazel Sig, co-founder of SIG Mfg. Co., rebuilt a standard 1941 Piper J-3 Cub for aerobatic flying. To increase performance, 40" was clipped off each wing panel and the engine reworked to produce 75 h.p. The entire framework was rebuilt and a dazzling sunburst paint job was applied with SIG Supercoat Dope. Over the years, Hazel progressed to more powerful airplanes for her aerobatics, but none ever captured the affections of modelers worldwide as has the Clipped Wing Cub. In the air, the Clipped Wing Cub is smooth, stable, and responsive as the big one. Basic aerobatic maneuvers such as loops, rolls, spins, and snaps are easy. A beautiful model of a truly special airplane! Available in two sizes - 1/4-scale (86" wingspan) and 1/6-scale (56" wingspan).

1/4-SCALE CLIPPED WING CUB KIT

KEY FEATURES:

- Easy-To-Build Balsa/Ply/Spruce Construction
- Strong One-Piece Wing
- Top Quality SIG Balsa and Plywood
- Precision Die-Cut Parts
- Molded ABS Plastic Engine Cowling
- Molded Plastic Scale Dummy Engine
- Molded Plastic Bungee Covers and Air Cleaner
- Fiberglass Elevator and Rudder Pushrods
- Aileron Pushrods and Bellcranks
- Scale Leaf-Spring Steerable Tailwheel
- Formed Wire Main Landing Gear
- Authentic Decals
- 4 Sheets of Full-Size Printed Plans
- Photo-Illustrated Assembly Manual
- Complete Hardware Pack

SPECIFICATIONS:

Wing Span:	86 in.	(2184 mm)
Wing Area:	1300 sq. in.	(83.9 dm ²)
Length:	67 in.	(1700 mm)
Flying Weight:	14 - 15 lbs.	(6350 - 6804 g)

Radio Required:	4-Channel with Heavy-Duty Servos
Engine Required:	2-Stroke .60 - .90 (10 - 15 cc) 4-Stroke .90 - 1.50 (15 - 25 cc)

CLIPPED WING CUB 1/4 SCALE



Order No.: SIGRC47



Hazel with her full size and 1/4-scale Clipped Wing Cubs.

1/6-SCALE CLIPPED WING CUB KIT

KEY FEATURES:

- Built-Up Balsa Construction
- Strong One-Piece Wing
- Molded Plastic Cowling
- Formed Wire Landing Gear
- Spruce Wing Struts
- Authentic Decals
- Engine Mounts
- Full-Size Plans
- Illustrated Assembly Manual
- Hardware Package

SPECIFICATIONS:

Wing Span:	56 in.	(1422 mm)
Wing Area:	557 sq. in.	(35.9 dm ²)
Length:	43.5 in.	(1105 mm)

Radio Required:	4-Channel with 4 Standard Servos
Engine Required:	2-Stroke .25-.40 (4.1 - 6.0 cc) 4-Stroke .40-.45 (6.0 - 6.5 cc)

CLIPPED WING CUB 1/6 SCALE



Order No.: SIGRC26

1/5-SCALE PIPER J-3 CUB

America's Flying Legend

The full-scale Piper J-3 Cub is easily one of the most recognizable airplanes in the history of aviation. The Cub has been flying for more than seven decades and continues to please pilots with its great performance and "easy flying" characteristics! SIG has taken this legacy very seriously with this beautiful 1/5th scale version of this truly legendary aircraft. In the air, the SIG 1/5th scale Cub is easily one of the finest R/C scale models you've ever flown! Smooth, docile, and easy to fly at any speed, the SIG 1/5th scale Cub re-creates the real thing. This kit has the option of being built as either the full-span Cub or the more agile "clipped wing" version.

KEY FEATURES:

- Laser-Cut Wood Parts For Accurate Fit & Fast Building
- 2-Piece Wing System & Functional Wing Struts
- Crystal Clear Windsheild and Side Windows
- Fiberglass Cowling With "Eyebrow" Air Scoops
- Molded Plastic Scale Dummy Engine
- Functional Side Door and Window
- Scale-Like Wire Landing Gear & Tail Wheel Assembly
- Complete Decal Set Including Scale Instrument Panel
- Detailed Rolled Plans
- Photo-Illustrated Assembly Manual
- Complete Hardware Pack

PIPER J-3 CUB 1/5 SCALE



Order No.: SIGRC82



This kit can be built as either the Piper J-3 Cub or the "Clipped Wing" version.

Specifications:

Piper J-3 Wing Span:	84.5 in.	(2146 mm)
Clipped Wing Span:	68.3 in.	(1735 mm)
Piper Wing Area:	947 sq. in.	(61.1 dm ²)
Clipped Wing Area:	752 sq. in.	(48.5 dm ²)
Fuselage Length:	55.3 in.	(1403 mm)
Flying Weight:	7 lbs	(3200 g)

Radio Required: 4 Channels with 5 Servos

Engine Required: 2-Stroke .40 - .45 (6.5 - 7.5 cc)
4-Stroke .45 - .60 (7.5 - 10.7 cc)

DORNIER Do 217 KIT

Twin-Engine Electric Airplane

The SIG Dornier Do 217 kit is a semi-scale model of one of Germany's most interesting and deadly night fighters of WWII. This very nice flying twin-engine electric design is loaded with features that make its construction straight forward and easy. Using the radio system and power recommendations provided in the fully illustrated assembly manual, the Do 217 model will provide superb 4-channel capability with power to spare. It can slow down to scale-like speeds and is capable of all the typical maneuvers, such as big, graceful loops, military type rolls, stall turns, etc. Landings are easy with that big wing and dual fins and rudders working to keep the airplane stable through virtually all flight speeds. The SIG Do 217 is absolutely the perfect semi-scale model for your entry into the exciting world of electric twin-engine flight!

DORNIER Do 217



Order No.: SIGRC99

KEY FEATURES:

- 100% Laser-Cut Premium Balsa & Plywood Parts
- Molded Plastic Cowlings and Canopy
- Detailed Full-Size Plans
- Photo-Illustrated Assembly Manual
- Complete Hardware Pack

SPECIFICATIONS:

Wing Span:	47 in.	(1194 mm)
Wing Area:	324.6 sq. in.	(20.9 dm ²)
Length:	37.5 in.	(953 mm)
RTF Weight:	32 - 36 oz.	(907 - 1020 g)
Wing Loading:	14.2 - 16 oz./sq. ft.	(43.3 - 48.7 g/dm ²)

Power Required: 40-70 Watt Brushless Motors (2)
10A Speed Control (ESC)

Radio Required: 4-Channel with 3 or 4 Micro Servos

*Flying weight is with battery pack installed



The SIG's Pioneers of Flight series are ultra-light semi-scale R/C models of some of the most colorful and historically important aircraft of the pioneer period of aviation. All three kits feature a super light built-up balsa structure, which is then covered with "Lite-Span" heat-shrinkable covering material (included). The ready-to-fly weight of these models is under 8 oz., giving them a flight speed that is incredibly slow and scale-like. These models are recommended for indoor flying or outdoors in no-wind conditions.

1909 DEMOISELLE KIT

Features a unique fully operational flying stab and rudder tail unit, just like the original airplane. Includes plastic moldings for a scale-like replica engine that covers the model's electric motor.

SPECIFICATIONS:

Wing Span: 43.5 in. (1105 mm)
 Wing Area: 509.75 sq. in. (32.9 dm²)
 Fuselage Length: 35 in. (889 mm)
 Weight w/o battery: 6.5 - 7.5 oz. (184 - 213 g)

Radio Required: 3-channel, 2 micro servos, 5A ESC

Electric Motor Required: SIG No. SIGEPU001

1909 ANTOINETTE KIT

Majestic is the best word to describe the flight characteristics of the 1909 Antoinette. Model includes non-functional scale-like rigging made of elastic thread, plus molded plastic scale engine details.

SPECIFICATIONS:

Wing Span: 49.25 in. (1251 mm)
 Wing Area: 497.6 sq. in. (32.1 dm²)
 Fuselage Length: 47 in. (1194 mm)
 Weight w/o battery: 7.5 - 8.0 oz. (213 - 227 g)

Radio Required: 3-channel, 2 micro servos, 5A ESC

Electric Motor Required: SIG No. SIGEPU001

1910 DEPERDUSSIN KIT

The Deperdussin company of France produced some of the best flying aircraft of the pioneer era. During WWI Deperdussin produced the famous SPAD fighter. This model replicates one of their most successful early monoplanes. The kit features scale-like elastic rigging and a molded plastic dummy radial engine.

SPECIFICATIONS:

Wing Span: 49.5 in. (1257 mm)
 Wing Area: 479.8 sq. in. (31.0 dm²)
 Fuselage Length: 43.5 in. (1105 mm)
 Weight w/o battery: 7 - 7.5 oz. (199 - 213 g)

Radio Required: 3-channel, 2 micro servos, 5A ESC

Electric Motor Required: SIG No. SIGEPU001

SIG Electric Power Unit for the Pioneers of Flight Series Airplanes

Designed for 1909 Antoinette, 1909 Demoiselle, 1910 Deperdussin, and similar indoor R/C airplanes. Includes a micro motor, dual ball bearing gearbox, rubber spinner, and GWS 10 x 4.75 in. plastic prop.

Indoor Electric Power Unit

Replacement Electric Prop, 10 x 4.75 in.

Order No.: SIGEPU001

Order No.: SIGEP1047

1909 DEMOISELLE



Order No.: SIGRC90

1909 ANTOINETTE



Order No.: SIGRC91

1910 DEPERDUSSIN



Order No.: SIGRC92



Herr's 1/2A (.049) powered models assemble quickly, are convenient to transport, and provide outstanding performance with minimal fuel consumption. Designed for glow and/or electric power, mini servos recommended. All airplanes feature laser-cut hand-select SIG AAA grade balsa wood. 3-D CAD engineered for a precise parts fit. Includes full size computer drawn plans, quality hardware such as clear canopy, molded plastic cowl, pre-bent landing gears, colorful decals, and a complete step-by-step assembly manual. Mini Floats fit HRR505, HRR508, and similar airplanes.



**HERR
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HERR AT6-TEXAN 1/2A R/C KIT

Specifications:

Wing Span: 36 in. (914 mm)
 Weight: 19 oz. (540 g)
 Radio Required: 2 - 3 Channel
 Engines: 2-Stroke .049 - .061 (0.8 - 1.0 cc)
 Order No.: HRR501 - Herr AT6-Texan 1/2A R/C KIT



HERR AQUA-STAR SEAPLANE 1/2A R/C KIT

Specifications:

Wing Span: 40.5 in. (1029 mm)
 Weight: 19 oz. (540 g)
 Radio Required: 2 - 3 Channel
 Engines: 2-Stroke .049 - .061 (0.8 - 1.0 cc)
 Order No.: HRR502 - Herr Aqua-Star Seaplane KIT



HERR STAR-CRUISER TRAINER 1/2A R/C KIT

Specifications:

Wing Span: 42 in. (1067 mm)
 Weight: 17 oz. (480 g)
 Radio Required: 2 - 3 Channel
 Engines: 2-Stroke .049 - .061 (0.8 - 1.0 cc)
 Order No.: HRR503 - Herr Star-Cruiser Trainer KIT



HERR PIPER CHEROKEE 1/2A R/C KIT

Specifications:

Wing Span: 42 in. (1067 mm)
 Weight: 19 oz. (540 g)
 Radio Required: 2 - 3 Channel
 Engines: .049 - 2-Stroke .049 - .061 (0.8 - 1.0 cc)
 Order No.: HRR504 - Herr Piper Cherokee KIT





HERR PIPER J-3 CUB 1/2A R/C KIT

SPECIFICATIONS:

Wing Span: 48 in. (1219 mm)
 Weight: 20 oz. (570 g)
 Radio Required: 2 - 3 Channel
 Engines: 2-Stroke .049 - .061 (0.8 - 1.0 cc)
 Order No.: HRR505 - Herr Piper J-3 Cub 1/2A R/C KIT



HERR P-51 MUSTANG 1/2A R/C KIT

SPECIFICATIONS:

Wing Span: 42 in. (1067 mm)
 Weight: 22 oz. (620 g)
 Radio Required: 2 - 3 Channel
 Engines: 2-Stroke .049 - .074 (0.8 - 1.2 cc)
 Order No.: HRR506 - Herr P-51 Mustang 1/2A R/C KIT



HERR PITTS SPECIAL 1/2A R/C KIT

SPECIFICATIONS:

Wing Span: 30 in. (762 mm)
 Weight: 26 oz. (740 g)
 Radio Required: 2 - 3 Channel
 Engines: 2-Stroke .074 - .15 (1.2 - 2.5 cc)
 Order No.: HRR507 - Herr Pitts Special KIT



HERR CLOUD RANGER 1/2A R/C KIT

SPECIFICATIONS:

Wing Span: 42 in. (1067 mm)
 Weight: 16.5 - 20 oz. (470 - 570 g)
 Radio Required: 2 - 3 Channel
 Engines: 2-Stroke .049 - .061 (0.8 - 1.0 cc)
 or Speed 400 Electric Motor
 Order No.: HRR508 - Herr Cloud Ranger KIT



HERR CESSNA 180 SKYWAGON 1/2A R/C KIT

SPECIFICATIONS:

Wing Span: 43.5 in. (1105 mm)
 Weight: 21 oz. (600 g)
 Radio Required: 2 - 3 Channel
 Engines: .049 - 2-Stroke .049 - .061 (0.8 - 1.0 cc)
 Order No.: HRR510 - Herr Cessna 180 Skywagon KIT

Herr's Breezy Day Park Flyers look and fly like real airplanes providing a level of performance allowing them to fly long after the wind has grounded many other Park Flyers. All airplanes feature laser Accu-cut, hand-select SIG AAA grade balsa. 3-D CAD engineered for a precise parts fit. Includes full size computer drawn plans, quality hardware such as propeller, landing gear, wire & wheels (except Rally-XP), colorful decals, and a complete step-by-step assembly manual. **NOTE:** The first flight with the STARLITE was made using a 9 v lithium pack and lasted 1 hour 25 minutes. The second flight was made with a 9 v lithium pack and lasted 1 hour 47 minutes. There was still plenty of battery capacity left at the end of the flight and the maximum flight time with this battery pack has yet to be determined.



**HERR
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HERR STARLITE KIT

SPECIFICATIONS:

Wing Span: 36 in. (914 mm)
 Weight: 3.5 - 4 oz. (100 - 113 g)
 Radio Required: 3 Channel Micro
 Motor Required: MSYS524-1 Electric
 Order No.: HRR301 - Herr Starlite Backyard Flyer KIT



HERR PIPER J-3 CUB KIT

SPECIFICATIONS:

Wing Span: 35.75 in. (895 mm)
 Weight: 8 - 11 oz. (225 - 320 g)
 Radio Required: 3 Channel Micro
 Motor Required: 280 Speed Electric
 Order No.: HRR302 - Herr Piper J-3 Cub KIT



HERR RALLY XP KIT

SPECIFICATIONS:

Wing Span: 48.25 in. (1226 mm)
 Weight: 8 - 11 oz. (225 - 320 g)
 Radio Required: 3 Channel Micro
 Motor Required: 280 Speed Electric
 Order No.: HRR303 - Herr Rally XP KIT



HERR MINI-SPORT KIT

SPECIFICATIONS:

Wing Span: 35.75 in. (895 mm)
 Weight: 8 - 11 oz. (225 - 320 g)
 Radio Required: 3 Channel Micro
 Motor Required: 280 Speed Electric
 Order No.: HRR304 - Herr Mini-Sport KIT



HERR AIR BOSS KIT

SPECIFICATIONS:

Wing Span: 35.75 in. (895 mm)
 Weight: 8 - 11 oz. (225 - 320 g)
 Radio Required: 3 Channel Micro
 Motor Required: 280 Speed Electric
 Order No.: HRR305 - Herr AT6-Texan 1/2A R/C KIT



RISER KIT

This R/C 2-meter sailplane was designed with the novice and sport flyer in mind. Features strong, easy-to-build, balsa construction. Room inside for standard size radio equipment. Excellent flight characteristics! The RISER may be launched with a standard high start, a winch, or with the optional SIG Power Pod.

KEY FEATURES:

- Light Built-Up Balsa Construction
- Flat Bottom Airfoil
- Full-Size Plans
- Nylon Tubing Pushrods
- SIG Easy Hinges
- Photo-Illustrated Assembly Manual
- Complete Hardware Package

SPECIFICATIONS:

Wing Span:	78 in.	(1981 mm)
Wing Area:	620 sq. in.	(40.0 dm ²)
Length:	41.5 in.	(1054 mm)
Flying Weight:	24 - 28 oz.	(680 - 800 g)

2-Meter Class Sailplane

RISER



Order No.: SIGRC52

Wing Loading:	6 - 7 oz./sq. ft.
Radio Required:	2-Channel (ele, rud) or 3-Channel (ele, rud, spoilers)

RISER 100 KIT

The RISER 100 is an excellent choice for the newcomer who wants to get started in soaring, or for the already experienced "glider guider" who wants a relaxing, easy-to-build "floater". The RISER 100's modified Eppler 205 airfoil and 1000 sq. in. of wing area gives you the ability to fly in nearly any weather. The RISER 100 provides great "hang-time" in light lift conditions, yet has respectable penetration when the wind comes up. Rugged construction allows more time at the flying field and less time in the shop. Launch the RISER 100 with a standard high-start or winch, or toss it off the slope. Enjoy the challenge of silent flight!

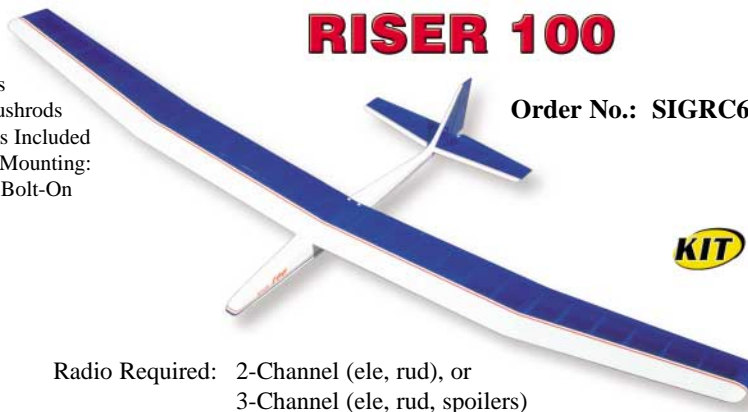
KEY FEATURES:

- Easy-To-Build All-Wood Design
- Die-Cut Lite-Ply Fuselage
- Shaped & Notched Trailing Edges
- Easy-To-Transport 2-Piece Wing
- Complete Hardware Package
- Photo-Illustrated Assembly Manual
- Full-Size Plans
- SIG Easy Hinges
- Nylon Tubing Pushrods
- Optional Spoilers Included
- Choice of Wing Mounting:
Rubber Band or Bolt-On

SPECIFICATIONS:

Wing Span:	78 in.	(1981 mm)
Wing Area:	620 sq. in.	(40.0 dm ²)
Length:	41.5 in.	(1054 mm)
Flying Weight:	24 - 28 oz.	(680 - 800 g)
Wing Loading:	6 - 7 oz./sq. ft.	

RISER 100



Order No.: SIGRC62

Radio Required:	2-Channel (ele, rud), or 3-Channel (ele, rud, spoilers)
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NINJA KIT

The Japanese NINJA is a master of all the oriental fighting forms. We've given the name "NINJA" to this slope soaring glider because of its all around ability to excel on the slopes. The NINJA was designed to be the ideal model for your first try at aerobatic slope soaring. It has the aerodynamic shape you need to penetrate the strong winds present on the slope. The NINJA wing uses the Eppler 374 airfoil because of its fast speed, gentle stall characteristics, and excellent aerobatic performance. Loops, rolls, spins, and inverted flight are routine and easy with the NINJA. EASY-TO-BUILD KIT . . . The NINJA has a foam core wing, a die-cut lite-ply fuselage, and sheet balsa tail surfaces to help you get it in the air quick.

KEY FEATURES:

- Precision-Cut Foam Wing Cores
- Die-Cut Lite-Ply Fuselage
- Shaped Balsa Nose Block
- Quick Release Hatch For Easy Access
- Accepts Standard Size Radio Gear
- Photo-Illustrated Assembly Manual
- SIG Easy Hinges
- Nylon Tubing Pushrods
- Sheet Balsa Tail Surfaces
- 1/16" Balsa Wing Sheeting
- Bolt-On Wing Attachment
- Complete Hardware Package

SPECIFICATIONS:

Wing Span:	58 in.	(1473 mm)
Wing Area:	500 sq. in.	(32.3 dm ²)
Length:	39 in.	(991 mm)
Flying Weight:	30 - 34 oz.	(850 - 964 g)
Wing Loading:	8.6 - 9.8 oz./sq.ft.	

NINJA



Order No.: SIGRC63

Radio Required:	2-Channel (ail, ele), or 3-Channel (ail, ele, rud)
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SIG Control-Line Airplane KIT's

Most of the Control-Line airplane kits are easy-to-build balsa Profile models. Generally, each kit includes hinges, nylon bell crank, control horn, formed wire pushrods, decals, and detailed instructions. Where applicable the canopy and formed wire landing gear are also included.

SKYRAY KIT

Great Fun For Beginner Or Advanced C/L Flyers

This is SIG's most popular C/L airplane of all time! Designed by 6-time National Champion Mike Gretz, the SKYRAY features ultra simple all-balsa construction and outstanding flight performance. It's an ideal first-time C/L trainer for the beginner. By putting the prop on backwards and adjusting the engine a little bit rich, the SKYRAY will groove around the circle slow and stable, giving the rookie pilot time to think and react. Detailed instructions cover every phase of building, pre-flight, and flying.

KEY FEATURES:

- One-Piece Sheet Balsa Wing
- Die-Cut Plywood Parts
- Die-Cut Balsa Profile Fuselage
- Nylon Bellcrank
- Die-Cut Sheet Balsa Tail Surfaces
- Nylon Control Horn
- Complete Hardware Package
- Formed Wire Pushrod
- Illustrated Assembly Manual
- Self-Adhesive Decals

SPECIFICATIONS:

Wing Span: 23.75 in. (603 mm)
 Wing Area: 100 sq. in. (6.5 dm²)
 Engines: .049 - .061 cu. in. (0.8 - 1.0 cc)



Order No.: SIGCL23



SUPER CHIPMUNK KIT

This semi-scale C/L stunter follows the lines and color scheme of the full-size aerobatic SUPER CHIPMUNK flown by Skip Volk. The unique lines of the cowl and canopy set the model apart from the average stunter. Designer Mike Stott has blended light weight balsa construction in a traditional control-line stunter layout to produce a high performance beauty. It's a proven contest winner!

KEY FEATURES:

- Built-Up Balsa Construction
- Flap Control Horn
- Molded Plastic Cowling & Wheel Pants
- Formed Landing Gear
- Molded Clear Plastic Canopy
- Nylon Bellcrank
- Nylon Elevator Control Horn
- Nylon Hinges
- Complete Hardware Package
- Full-Size Plan
- Illustrated Assembly Manual
- Decals

SPECIFICATIONS:

Wing Span: 53.5 in. (1359 mm)
 Wing Area: 570 sq. in. (36.8 dm²)
 Length: 39 in. (990 mm)
 Engines: .29 - .40 cu. in. (4.8 - 6.5 cc)



Order No.: SIGCL19



DEWEYBIRD KIT

The Deweybird is a semi-scale 1/2A C/L model of Jim Dewey's full-size midget racer. Very easy to build and fly. The beginner should have no trouble with this airplane, yet its flight characteristics are such that the advanced modeler will enjoy it.

KEY FEATURES:

- Die-Cut Fuselage, Wing, and Tail
- Formed Wire Landing Gear
- Quality Balsa Wing & Profile Fuselage
- Formed Pushrod
- Quality Sheet Balsa Tail Surfaces
- Nylon Bellcrank & Control Horn
- Complete Hardware Package
- Wheels
- Step-By-Step Plans & Instructions
- Decals

SPECIFICATIONS:

Wing Span: 22.5 in. (572 mm)
 Engines: .049 - .061 cu. in. (0.8 - 1.0 cc)



Order No.: SIGCL15



SHOESTRING KIT

Control Line Profile Goodyear Racer. With a hot .15 (2.5 cc), this compact little speedster has brought home lots of trophies over the years. The Shoestring also makes a durable C/L trainer or sport flier.

KEY FEATURES:

- 3/8" Balsa Profile Fuselage
- Die-Cut Sheet Balsa Tail Surfaces
- Formed Wire Landing gear
- Nylon Bellcrank & Control Horn
- Complete Hardware Package
- Step-By-Step Instructions
- Solid Balsa Wing
- Nylon L.G. Clips
- Formed Pushrod
- Hinges
- Full-Size Plans
- Scale Decals

SPECIFICATIONS:

Wing Span:	28 in.	(711 mm)
Wing Area:	150 sq. in.	(9.7 dm ²)
Length:	24.5 in.	(622 mm)
Engines:	.10 - .15 cu. in.	(1.6 - 2.5 cc)



Order No.: SIGCL13

BEECHCRAFT STAGGERWING KIT

This 1/2A C/L Profile Scale model has simple construction and a generous amount of wing area combine to lower the wing loading. This results in outstanding flight performance characteristics. It takes off easily, grooves smoothly around the circle and handles effortlessly. Inverted flight, loops and other aerobatic maneuvers are routine with this beauty of a biplane.

KEY FEATURES:

- Shaped Airfoil Wing
- Molded Plastic Engine Cowling
- Complete Hardware Package
- Step-By-Step Plans & Instructions
- Landing Gear
- Wheels
- Authentic Decals

SPECIFICATIONS:

Wing Span:	18 in.	(457 mm)
Engines:	.049 cu. in.	(0.8 cc)



Order No.: SIGCL17

BUSTER KIT

The Buster, and its companion the Shoestring, were designed for the AMA Scale (Goodyear) Racing event. With a hot .15, this compact little speedster has brought home lots of trophies over the years. The Buster also makes a durable C/L trainer or sport flier.

KEY FEATURES:

- 3/8" Balsa Profile Fuselage
- Die-Cut Sheet Balsa Tail Surfaces
- Formed Wire Landing Gear
- Nylon Bellcrank & Control Horn
- Complete Hardware Package
- Step-By-Step Instructions
- Solid Balsa Wing
- Formed Wire Pushrod
- Nylon L.G. Clips
- Hinges
- Scale Decals
- Full-Size Plans

SPECIFICATIONS:

Wing Span:	24 in.	(610 mm)
Wing Area:	140 sq. in.	(9 dm ²)
Length:	24.5 in.	(622 mm)
Engines:	.10 - .15 cu. in.	(1.6 - 2.5 cc)



Order No.: SIGCL12

TWISTER KIT

AN IDEAL STUNT TRAINER

KEY FEATURES:

- 1/2" Balsa Profile Fuselage
- Die-Cut Plywood Doublers
- Formed Wire Landing Gear & Pushrod
- Heavy-Duty Nylon Bellcrank
- Complete Hardware Package
- Full Size Plans & Instructions
- Built-Up Balsa Wing
- Nylon Control Horns
- Nylon L.G. Clips
- Hinges
- Tailwheel
- Authentic Scale Decals

SPECIFICATIONS:

Wing Span: 49 in. (1245 mm)
 Wing Area: 510 sq. in. (32.9 dm²)
 Engines: .29 - .40 cu. in. (4.8 - 6.5 cc)

AKROMASTER KIT

Compact Control Line Profile Stunter. Easy to build, good beginner's stunt plane. It's thick fully-symmetrical wing and short tail moment will let you learn the basics without risking a more expensive full-size stunter.

KEY FEATURES:

- Shaped Balsa Leading and Trailing Edges
- Die-Cut Quality Balsa and Plywood
- Formed Wire Landing Gear & Pushrod
- Nylon Bellcrank & Elevator Horn
- Building & Flying Instructions
- Balsa Profile Fuselage
- Formed Plastic Canopy
- Cloth Hinge Material

Specifications:

Wing Span: 34 in. (864 mm)
 Wing Area: 250 sq. in. (16.1 dm²)
 Engines: .15 - .19 cu. in. (2.5 - 3.1 cc)

BANSHEE KIT

AN IDEAL STUNT TRAINER

KEY FEATURES:

- 1/2" Balsa Profile Fuselage
- Nylon Control Horns & L.G. Clips
- Formed Landing Gear & Pushrods
- Heavy-Duty Nylon Bellcrank
- Complete Hardware Package
- Built-Up Balsa Wing
- Die-Cut Plywood Doublers
- Sheet Balsa Tail Surfaces
- Tailwheel
- Full Size Plans & Instructions

SPECIFICATIOS:

Wing Span: 49 in. (1245 mm)
 Wing Area: 510 sq. in. (32.9 dm²)
 Engines: .29-.40 cu. in. (4.8 - 6.5 cc)

SKYRAY 35 KIT

Control Line Profile Stunter. Excellent all purpose design suitable for stunt, combat, sport racing, balloon bust, or general Sunday flying. With a .19 engine it makes a good first C/L trainer. Bolt on a .35 Stunt engine and the Skyray 35 will fly the complete AMA stunt pattern.

KEY FEATURES:

- Easy-To-Build All-Wood Design
- 1/2" Balsa Profile Fuselage
- Die-Cut Plywood Doublers
- Formed Landing Gear & Pushrod
- Hardware Package
- Nylon Bellcrank
- SIG Easy Hinges
- Full Size Plans & Instructions

Specifications:

Wing Span: 44 in. (1118 mm)
 Wing Area: 396 sq. in. (25.6 dm²)
 Engines: .19-.35 cu. in. (3.1 - 5.7 cc)

Control Line Profile Stunter With Flaps

TWISTER



Order No.: SIGCL22

AKROMASTER



Order No.: SIGCL20

Control Line Profile Stunter With Flaps

BANSHEE



Order No.: SIGCL11

SKYRAY 35



Order No.: SIGCL25



SIG - Free Flight KITS

These Free Flight model airplane kits contain high quality balsa parts, plastic propeller, rubber motor, covering material, detailed building and flying instructions. Where applicable, the landing gear and wheels are also included.

AMA CUB KIT

When Hall of Fame modeler Frank Ehling set out to design a simple little rubber power model that AMA could use to introduce newcomers to the hobby, he probably never thought he was drawing up the most produced model airplane of all time. This is the same model that has been used since 1968 in beginner's promotions around the world. Very easy to build, yet can turn in some amazing flights.

KEY FEATURES:

- Features A Ready-To-Use One-Piece Fuselage
- Printed Covering Material On Which The Wings And Tail Surfaces Are Constructed
- Molded Plastic Propellor Assembly, And Detailed Instructions
- Kit Includes Everything Except The Glue

Order No.: SIGFF5



SPECIFICATIONS:

Wing Span: 12.5 in. (318 mm)

THE MODEL USED IN BEGINNER'S PROMOTIONS SINCE 1968.
Special pricing is available when order in lots of 1,000 or more for youth programs by schools, model clubs, cub scouts, 4H, etc. Write for price and details.

SIG CUB KIT

FAI flyer Larry Conover designed the SIG CUB to be a simple, but capable, "advanced trainer" for modelers learning the ins and outs of trimming a free-flight model. In the process Larry created one of the most versatile sport models of all time. This little gem is capable of long high flights, limited only by the developing flier's knowledge.

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Molded Plastic Propeller
- Detailed Full-Size Plans
- Complete Building & Flying Instructions
- SIG Contest Rubber
- Covering Material
- Wheels

Order No.: SIGFF1



Flies Up To 1,000 Feet!

SPECIFICATIONS:

Wing Span: 23.5 in. (597 mm)
Length: 23 in. (578 mm)
Weight: 1 oz. (28 g)

AMA RACER KIT

The AMA RACER is another model designed by Frank Ehling for beginners. Very similar to the legendary AMA CUB, only bigger and with a few more advanced features. For instance, the wing position on the AMA RACER is adjustable for more exact flight trimming. Wing and tail surfaces are constructed on pre-printed covering material. Kit includes all material except glue.

KEY FEATURES:

- Very Easy To Build, Yet Turns In Amazing Flights
- Kit Contains Printed Covering Material On Which The Model Is Constructed
- Kit Includes All Material Except Glue

Order No.: SIGFF4



Larger Version Of The Famous AMA Cub!

SPECIFICATIONS:

Wing Span: 18 in. (457 mm)



THERMAL DART KIT

Like its little brother, this ultra-simple model is an amazing flyer as it out performs more sophisticated models. Simple to build! The plan is printed right on the covering material.

KEY FEATURES:

- Ultra Simple Construction
- Pre-Printed Covering Material
- Excellent Flight Performance
- Ready-To-Use Propeller & Nose-Piece Assembly
- Rubber Motor
- Complete Instructions

SPECIFICATIONS:

Wing Span: 24 in. (610 mm)

Order No.: SIGFF12



An Enlarged Version Of The Famous AMA Cub!

UNCLE SAM KIT

AMA Hall of Fame member Bill Hannan has created a unique dihedral-less biplane design that flies with great stability. The plan is printed on the covering material and it can be colored with felt pens.

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Molded Plastic Propeller
- Nose Bearing Assembly
- SIG Contest Rubber
- Plan Is Printed On Covering Material
- Wheels Included
- Complete Building & Flying Instructions

SPECIFICATIONS:

Wing Span: 10.5 in. (260 mm)
Length: 10 in. (254 mm)

Order No.: SIGFF28



PIGEON KIT

Hand Launched Glider

Free Flight hand launched gliders are a tremendous amount of fun! When properly built and trimmed, they are capable of graceful, sustained flight that will thrill every model enthusiast. The Pigeon is easy to build if the step-by-step plans are followed carefully. Designed for quick roll-out at the top of the launch, even the novice can achieve long, graceful flights.

KEY FEATURES:

- Specially Selected Wood
- Balancing Clay
- Pre-Shaped Airfoil Wing Blank
- Fully Detailed Plans

SPECIFICATIONS:

Wing Span: 12 in. (305 mm)

Order No.: SIGFF13

Fun For All Ages!



FLIP KIT

Hand Launched Glider

Free Flight hand launched gliders are a tremendous amount of fun! When properly built and trimmed, they are capable of graceful, sustained flight that will thrill every model enthusiast. The Flip is easy to build if the step-by-step plans are followed carefully. Designed for quick roll-out at the top of the launch, even the novice can achieve long, graceful flights.

KEY FEATURES:

- Specially Selected Wood
- Balancing Clay
- Pre-Shaped Airfoil Wing Blank
- Fully Detailed Plans

SPECIFICATIONS:

Wing Span: 14 in. (356 mm)

Order No.: SIGFF14

Fun For All Ages!



PARASOL KIT

Taking a page from the ultra-simple AMA CUB design, designer Clark Ross came up with the PARASOL. This scale-like rubber model has a "profile" fuselage which you build along with the wings and tail, right on the pre-printed covering material. No painting is required! Looks like a scale job in the air, but only half the work. Flies great!

KEY FEATURES:

- Molded Plastic Propeller and Wheels
- No Painting Required
- Plan Is The Covering Material
- Formed Wire Landing Gear
- Complete Instructions

Order No.: SIGFF15

SPECIFICATIONS:

Wing Span: 18 in. (457 mm)



Buils Like An AMA Cub! Fun For All Ages!

MINI-MAXER KIT

Rubber Powered Duration Model

Designed by George Perryman, veteran free flight designer and competitor. This is a smaller version of his familiar Unlimited Rubber design. Add a pop-up tail de-thermalizer (not included withkit) to keep this little airplane from going cloud hopping!

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Molded Plastic Propeller
- Covering Material
- SIG Contest Rubber
- Building & Flying Instructions
- Detailed Full-Size Plans

Order No.: SIGFF24

SPECIFICATIONS:

Wing Span: 23 in. (584 mm)
Length: 26 in. (660 mm)



MONOCOUCPE KIT

Rubber Powered Scale Model

The full-size Monocoupe was always known for its exceptional flight performance. Tom Stark's model of this classic lightplane has proved to be a winner from its first test flight. Now you can duplicate this little beauty for your own enjoyment. Great for competition or fun flying!

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Molded Plastic Propeller
- Covering Material & Scale Decals
- SIG Contest Rubber
- Building & Flying Instructions
- Detailed Full-Size Plans

Order No.: SIGFF25

SPECIFICATIONS:

Wing Span: 24 in. (610 mm)
Length: 16 in. (406 mm)



1973 NATIONALS WINNER
1st Open F/F Rubber Scale by Tom Stark

CUSTOMAIRE KIT

Reminiscent of the classic Waco Cabin Biplanes of the 1930s, the Customaire is intended for the experienced stick-and-tissue modeler who is looking for a scale-like model that flies like a sport airplane. The Customaire is not recommended for beginners, who should start with a simpler airplane such as the SIG TIGER.

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Molded Plastic Propeller
- Covering Material
- SIG Contest Rubber
- Building & Flying Instructions
- Detailed Full-Size Plans
- Molded Plastic Cowling, Dummy Engine, Wheel Pants, and Wheels
- Formed Wire Landing Gear

Order No.: SIGFF26

SPECIFICATIONS:

Wing Span: 20 in. (508 mm)
Length: 18 in. (457 mm)



Scale-Like Rubber-Powered Sport Biplane

TIGER KIT *Rubber-Powered Sport Model*

The SIG TIGER is a miniature edition of that typical rubber-powered model of the 1930's, popularly called the "Outdoor Commercial". These simple designs, featuring a box fuselage with a cabin, introduced thousands of novices to the thrill of building a model that really flew. In designing the TIGER, Paul McClrath retained the fine flight performance and added a pleasant, scale-like appearance.

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Molded Plastic Propeller and Wheels
- Detailed Full-Size Plans
- Building & Flying Instructions
- SIG Contest Rubber
- Covering Material
- Formed Wire Landing Gear

SPECIFICATIONS:

Wing Span: 21.5 in. (546 mm)
 Flying Weight: 1 oz. (28 g)

Order No.: SIGFF22



CABINAIRE KIT

The classic lines and appearance of the high-wing cabin monoplanes of the 1930's have been blended into the Cabinaire. Designer Paul McClrath is a nationally known specialist in small scale-like sport rubber models. His experience and attention to detail is evident in the carefully developed structure of this beautiful flying model.

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Formed Wire Landing Gear
- Building & Flying Instructions
- Molded Plastic Cowling, Dummy Engine, Wheel Pants, Prop, & Wheels
- SIG Contest Rubber
- Covering Material
- Detailed Full-Size Plans

SPECIFICATIONS:

Wing Span: 22 in. (559 mm)
 Weight: 1 - 2 oz. (28.4 - 56.7 g)

Order No.: SIGFF20



Scale-Like Rubber-Powered Sport Model

MR. MULLIGAN KIT *Rubber Powered Scale Model*

This is a scale model that really flies! It's a Nationals winner! Builders of other SIG Classic Flyers will have no difficulty with the scale structure of this racing beauty. The 8-page assembly manual provides step-by-step guidance in building and includes tips for competition flying performance.

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Molded Plastic Propeller & Wheels
- Building & Flying Instructions
- Scale Decals
- Covering Material
- SIG Contest Rubber
- Detailed Full-Size Plans

SPECIFICATIONS:

Wing Span: 20 in. (508 mm)

Order No.: SIGFF23



AMA NATIONALS WINNER!

1st Rubber Scale by Tom Stark
 1st Jr. Rubber Scale by Rebecca Stark

THE 29'ER KIT

The '29er captures the classic parasol look of aviation's "Golden Age". A particularly stable model because of the high wing position, the difficulties usually found in this type of wing mounting have been eliminated by a simple, effective construction procedure. The trimming and testing sections are an education in the basics of model flying.

KEY FEATURES:

- Die-cut SIG Balsa Parts
- Covering Material
- Building & Flying Instructions
- Molded Plastic Propeller
- SIG Contest Rubber
- Detailed Full-Size Plans

SPECIFICATIONS:

Wing Span: 20.5 in. (521 mm)
 Length: 16 in. (406 mm)

Order No.: SIGFF21



Scale-Like Rubber-Powered Sport Model



HERR 100 SERIES - Rubber Powered F/F Airplanes

RADIO CONTROL? The Herr 100 Series models (kit numbers begin with HRR1), shown on the next 3 pages, are all originally designed as free flight rubber power aircraft, and as such they fly beautifully. These were the first ever laser-cut model airplane kits on the market. Now in this day of miniature radio gear and brushless outrunner electric motors they are enjoying a new life as radio control subjects. Many experienced modelers are having a great time converting these airplanes to R/C flying. The light structures and stable flight characteristics make these airplanes excellent subjects for R/C. Unfortunately, at this time none of these model kits include instructions for converting to R/C, however there are many excellent "build threads" in the online modeling forums. Search on your favorite forum for the airplane, and you will most likely find excellent help and instruction.

General Guidelines For Electric Power For Herr 100 Series Kits

Brushless Motor: 30-40 watt; 1200-1700kv; 16-25 gram weight (such as Himaxx HC2208-1260)
 ESC: 6-9A - Lipo Battery: 2-3S 500 mah - Prop: 7-8 in. dia.



**HERR
ENGINEERING
CORPORATION**

A Division of SIG Mfg. Co. Inc.

All Herr Kits Feature:

- Laser-Cut Hand-Selected SIG Balsa Wood
- 3-D CAD Engineered For A Precise Parts Fit
- Quality Hardware Pack
- Contest Rubber
- Plastic Propeller
- Lightweight Colored Tissue
- Lightweight Wheels
- Waterslide Decals
- Accurate Computer Drawn Full-Size Plans
- Step-by-Step Building Instructions



HERR SCOUT KIT

Specifications:

Wing Span: 30 in. (762 mm)
 Over 80 Laser Cut Parts

Order No.: HRR101 - Herr Scout KIT



HERR FAIRCHILD 24 KIT

Specifications:

Wing Span: 30 in. (762 mm)
 Over 80 Laser Cut Parts

Order No.: HRR102 - Herr Fairchild 24 KIT



HERR PIPER J-3 CUB KIT

Specifications:

Wing Span: 35.5 in. (902 mm)
 Over 80 Laser Cut Parts

Order No.: HRR103 - Herr Piper J-3 Cub KIT



HERR RYAN ST KIT

Specifications:

Wing Span: 30 in. (762 mm)
 Over 80 Laser Cut Parts

Order No.: HRR104 - Herr Ryan ST KIT



HERR 100 SERIES - Rubber Powered F/F Airplanes



HERR FOKKER D-VII KIT

Specifications:

Wing Span: 24 in. (610 mm)
Over 80 Laser Cut Parts

Order No.: HRR105 - Herr Fokker D-VII KIT

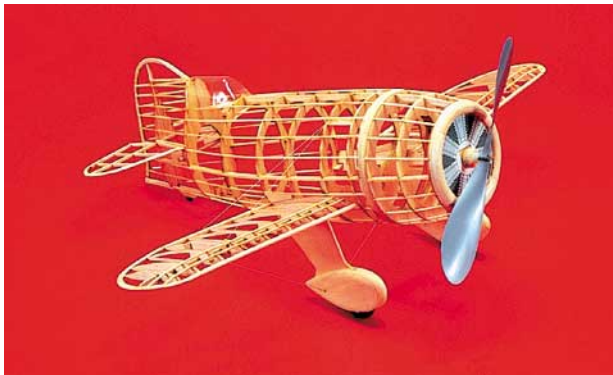


HERR P-51 MUSTANG KIT

Specifications:

Wing Span: 28 in. (711 mm)
Over 80 Laser Cut Parts

Order No.: HRR106 - Herr P-51 Mustang KIT



HERR BEE GEE R-2 KIT

Specifications:

Wing Span: 25 in. (635 mm)
Over 80 Laser Cut Parts

Order No.: HRR107 - Herr Bee Gee R-2 KIT

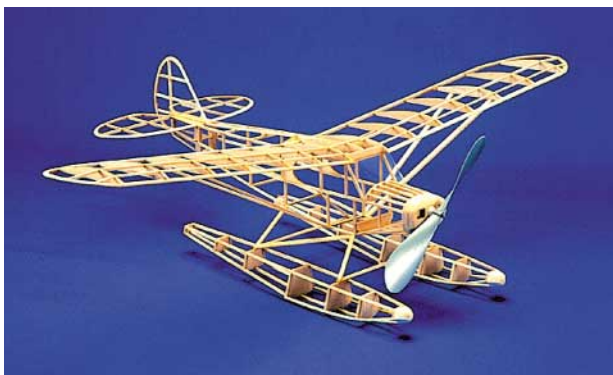


HERR BEECHCRAFT BONANZA KIT

Specifications:

Wing Span: 30 in. (762 mm)
Over 80 Laser Cut Parts

Order No.: HRR108 - Herr Beechcraft Bonanza KIT



HERR SUPER CUB WITH FLOATS KIT

Specifications:

Wing Span: 30 in. (762 mm)
Over 80 Laser Cut Parts

Order No.: HRR109 - Herr Super Cub With Floats KIT



HERR PITTS SPECIAL KIT

Specifications:

Wing Span: 24 in. (610 mm)
Over 80 Laser Cut Parts

Order No.: HRR111 - Herr Pitts Special KIT

HERR 100 SERIES - Rubber Powered F/F Airplanes



HERR HELIO COURIER KIT

Specifications:

Wing Span: 30 in. (762 mm)
Over 80 Laser Cut Parts

Order No.: HRR112 - Herr Helio Courier KIT



HERR F4U-1 CORSAIR KIT

Specifications:

Wing Span: 30 in. (762 mm)
Over 80 Laser Cut Parts

Order No.: HRR113 - Herr F4U-1 Corsair KIT



HERR AT-6 TEXAN KIT

Specifications:

Wing Span: 30 in. (762 mm)
Over 80 Laser Cut Parts

Order No.: HRR114 - Herr AT-6 Texan KIT



HERR STEARMAN PT-17 KIT

Specifications:

Wing Span: 30 in. (762 mm)
Over 80 Laser Cut Parts

Order No.: HRR116 - Herr Stearman PT-17 KIT



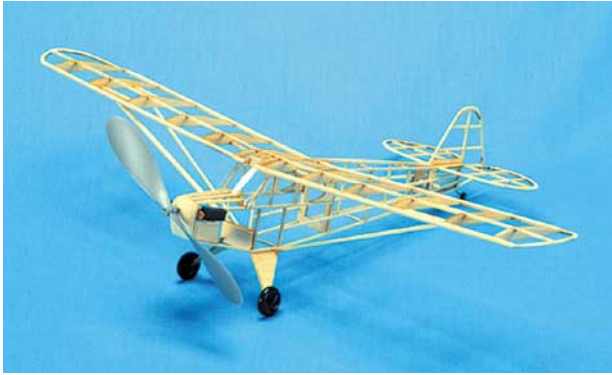
HERR MINI FLOATS KIT

Specifications:

Wing Span: 24 in. (603 mm)
For HRR505, HRR508, or similar models

Order No.: HRR509 - Herr Mini Floats KIT

HERR 200 SERIES - Rubber Powered F/F Airplanes

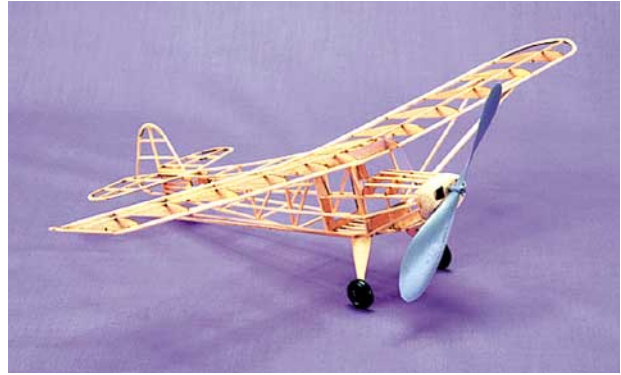


HERR PIPER J-3 CUB KIT

Specifications:

Wing Span: 18 in. (457 mm)
Over 80 Laser Cut Parts

Order No.: HRR201 - Herr Piper J-3 Cub KIT



HERR TAYLORCRAFT KIT

Specifications:

Wing Span: 18 in. (457 mm)
Over 80 Laser Cut Parts

Order No.: HRR202 - Herr Taylorcraft KIT



HERR AERONCA CHAMP KIT

Specifications:

Wing Span: 18 in. (457 mm)
Over 80 Laser Cut Parts

Order No.: HRR203 - Herr Aeronca Champ KIT



HERR PIPER TRI-PACER KIT

Specifications:

Wing Span: 18 in. (457 mm)
Over 80 Laser Cut Parts

Order No.: HRR204 - Herr Piper Tri-Pacer KIT



**HERR
ENGINEERING
CORPORATION**

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FIELDBOSS FLIGHT BOX KIT

The beautiful SIG laser-cut FieldBoss Flight Box kit is designed for modelers who know the value of having everything they need at their fingertips. This Flight Box offers the most useable space available in any commercial flight box on the market. Three generously sized drawers, a huge top center workspace, and four compartments, sized to accept either gel-cell or wet acid type batteries and either plastic bottles or metal fuel cans. There is ample remaining compartment space for starters, props, and other equipment. The FieldBoss Flight Box handles it all with looks, style, and convenience. As if all of this wasn't enough, the FieldBoss Flight Box is totally laser-cut from 1/4 in. interior grade plywood!

Overall Size: 11" Deep x 16.5" High x 24.75" Wide

KEY FEATURES:

- All Parts Precision Laser-Cut
- Three 10" x 11.5" Drawers, Each Progressively Deeper With Retaining System
- Two Drawer Dividers For Each Drawer, Allowing Custom Tool Organization
- Hardwood Stand-Offs Keep FieldBoss Steady And Away From Wet Ground
- Strong 1.25" Diameter Handle
- Power Panel Pilot Hole
- Generous 10.5" x 12" Top Tray/Work Area
- Accepts Plastic Or Metal Fuel Containers
- Unique Fuel Bottle Level Indicator Slot For Plastic Fuel Jugs
- Laser-Etched SIG Logo
- Easy-To-Follow Assembly Instructions With Finishing Instructions



* Power Panel Not Included

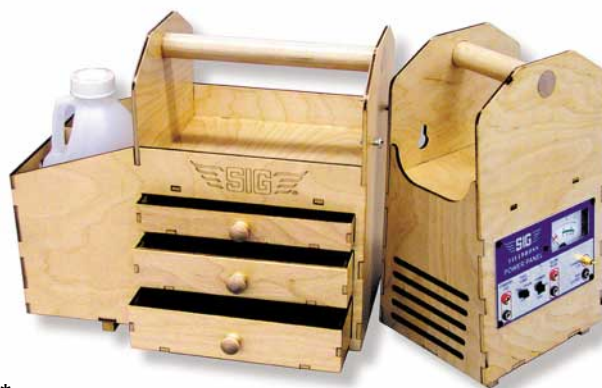
Order No.: SIGBX001 - FieldBoss Flight Box KIT

MINIBOSS FLIGHT BOX KIT

100% laser cut 3/16 in. plywood. Strong, yet easy to carry MiniBoss has many of the features found on the larger FieldBoss Flight Box, plus more. Three roomy 6.75 in. x 8 in. drawers with dividers for tools and other accessories and a large top center workspace. A fuel bottle compartment, complete with a half-gallon fuel bottle (included), features SIG's unique fuel bottle level indicator so you never have to guess how much fuel is remaining. A handy compartment next to the fuel is perfect for holding props. The detachable satellite unit features a vented battery compartment big enough to hold a gel or wet cell motorcycle battery to power your power panel, located for easy viewing on the end of the unit. A convenient starter tray on top of the battery compartment will accommodate most standard starters. Carrying the MiniBoss is a snap. Large, 1 in. dowel handles span both the main and satellite unit. Easy-to-follow assembly instructions. Finish it off any way you want or just coat it with good polyurethane for a polished, professional look.

Overall Size: 7.375" Deep x 12.5" High x 20.25" Wide
Empty Weight: 6 lbs.

Order No.: SIGBX002 - MiniBoss Flight Box KIT



* Power Panel Not Included

GAS PASSER FLIGHT BOX KIT

Designed for the special needs of the gasoline-powered flyer, the Gas Passer Flight Box features an extra large compartment to hold a 1 gallon bottle, can, or DuBro's EZ Fill container. And it wouldn't be a SIG flight box without roomy parts drawers and a large battery compartment for wet or gel cell batteries. Builds fast with 100% laser cut parts and easy-to-follow instructions. Finish it off any way you want, or just coat it with good polyurethane for a polished, professional look.

Overall Size: 9.5" Depth x 13.75" Height x 18.5" Width
Empty Weight: 6 lbs.

Order No.: SIGBX003 - Gas Passer Flight Box KIT



* Power Panel Not Included

E-PRO FIELDBOX KIT

The SIG E-PRO FIELDBOX is designed for the hobbyist who operates electric powered models - airplanes, helicopters, boats, or cars. The E-PRO FIELDBOX provides you with a portable charging station that you can take anywhere on the field, as well as plenty of room for extra battery packs, tools, and spare parts. All features are designed with the electric modeler in mind.

Overall Size: 9.875" Depth x 19" Height x 17.5" Width

KEY FEATURES:

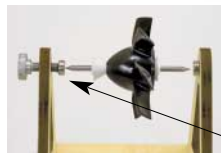
- Constructed of fine-grade plywood
- Precisely CAD drawn & laser-cut, assuring accuracy & fit
- Large enclosed compartment for your 12 volt power supply battery
- Banana plugs & wiring for quick connecting your field chargers to the 12 volt power supply
- Three open compartments on top for easy access to your chargers, battery packs, props, etc.
- Three drawers to hold your tools & accessories
- Adjustable cushioned cradle on top to hold your model
- Complete hardware
- Illustrated assembly manual makes assembly quick & easy



Order No.: SIGBX004 - E-Pro Fieldbox KIT

FAN BALANCER KIT

With today's electric ducted fans spinning at over 30,000 rpm's, having a balanced fan has never been more critical. At these high rpm's, a difference in just a few tenths of a gram can lead to excessive vibration and a reduction in thrust. The SIG Fan Balancer is a precision, high-tech instrument capable of detecting the smallest out of balance situation. It all starts with the shaft. The shaft on the Fan Balancer is made from high-speed steel (the same steel used for drill bits and machine tools) manufactured to a straightness of 1/1,000 mm and utilizing precision machine ground ends. Then the shaft is suspended between two powerful rare earth magnets. All that would make for a good fan balancer, but we also added an adjustment screw so that you can precisely adjust the spacing so that only ONE end of the shaft is touching a magnet. This provides for the least amount of possible friction. Your electric ducted fan model airplane is a marvel of model engineering. Shouldn't your fan balancer be just as sophisticated? Also does a fantastic job of balancing small propellers.



For minimal friction, only one end of the shaft touches the magnet



Order No.: SIGSH903 - Fan Balancer KIT

SURFACE INDICATOR GAUGE KIT

You've finally finished your dream model. The center of gravity is right on, the prop is balanced, and all the controls are hooked up and functioning perfectly. But wait, what about the control throws? Every R/C airplane flies best with a specific amount of travel for each control surface. Making sure that your model matches the designer's recommendations can turn a twitchy, nerve-racking handful of an airplane into a pussycat. Coming in on a dead-stick, final approach is not the time to find out that you don't have enough elevator control throw to keep the nose up!

The SIG Surface Indicator Gauge enables you to accurately measure and set your control surface throws. It works either in a vertical direction for rudders or in a horizontal direction for elevators, ailerons and flaps. The control throws are easily measured on the laser-inscribed gauge, in inch measurements on one side or metric on the other. Available in two sizes. The smaller size is for control surfaces up to 3-1/2 in. wide, typically found on planes up to about .60 size. The larger size is for control surfaces measuring up to 6 in. wide, including models as large as 1/4 scale.



Order No.: SIGSH901 - Surface Indicator Gauge, Small

Order No.: SIGSH902 - Surface Indicator Gauge, Large

PRO BALANCER KIT

Balance! The wrong center of gravity (especially tail-heavy), will turn your model from an eagle into a turkey. Just a fraction of an inch change in balance point can make the difference between a solid performer and an airplane you have to fight just to get back down in one piece. Even if you only fly pre-built ARF models, don't overlook this critical step. Balsa wood is a natural product and the weight of the wood can vary. Together with differences in engine and radio selection, your new ARF model may be far out of balance and needs to be checked.

An out of balance propeller is often the cause of poor engine performance, poor fuel flow (caused by engine foaming), and even radio problems due to excess engine vibration.

With the SIG Pro-Balancer, you can quickly balance your model and propellers from one simple device. The Pro-Balancer will handle nearly every model in your fleet (fuselage widths up to 11") and any size model propeller. The Pro-Balancer uses carbon steel, laser cut SIG plywood, and is equipped with ball bearings so that it will last for years. Strong, precise, accurate - the SIG Pro-Balancer.

Order No.: SIGSH900 - Pro Balancer KIT

1/4-SCALE FLOAT KIT

Ready for a new challenge in modeling? Pictured is a SIG 1/4-scale Piper J-3 Cub equipped with a set of SIG 46 in. floats built by Nationals Scale Champion Mike Gretz. An O.S. 1.20 four-stroke engine provides more than enough power. Nothing beats the realism of a scale model heading for the sky with the water still streaming off the floats.

Length: 46 in.

KEY FEATURES:

- Quick and easy to build
- Super strong balsa and lite-ply construction
- Full-size plan and photo-illustrated assembly manual
- Complete water rudder assembly including steering cables
- Includes pre-formed brace wires and all the hardware to fit a SIG 1/4-scale Cub.
- Helpful tips on float flying

Order No.: SIGFK001 (Piper J-3 Cub Kit Not Included)

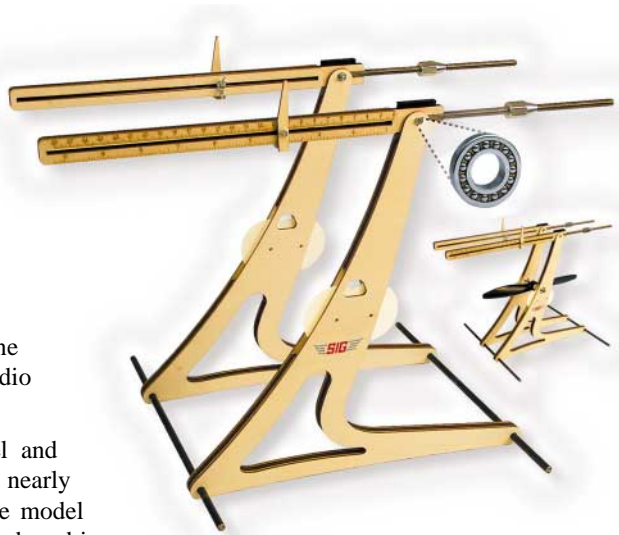
GAS PASSER FUEL PUMP

Designed to pump either glow fuel or gasoline, it's the perfect complement for any field box. Small and lightweight, the SIG Gas Passer Fuel Pump features a powerful pumping capacity for fueling and de-fueling most model fuels. It's rugged, fully shielded construction is powered by any 12 volt battery source and is safe with gasoline as well as glow fuel. Includes electrical spade connectors, step down fuel line inserts, orifice covers for off-season storage, and instructions.

SPECIFICATIONS:

Size: 1.875 in. x 2 in. x 3.375 in.
 Weight: 7.5 oz. (213 g)
 Power Required: 12 v DC
 Flow Rate: (60.9 oz) 1800 ml/min

Order No.: SIGSH883



*Serious Equipment
 For Serious Modelers!*

*DESIGNED TO FIT THE SIG 1/4-SCALE CUB OR ANY
 OTHER LARGE R/C MODEL WEIGHING 12 to 25 lbs.*



ACCESSORY KITS

All the extra parts you need to complete your model in one convenient package, and at a better price than if you bought the accessories separately. These are all top quality parts from SIG, Du-Bro, Goldberg, Sullivan and Williams Brothers.

KADET SENIOR ACCESSORY KIT

- CONTENTS:**
- | | |
|----------------------------|---|
| 2 - 2-56 Links | 4 - 4-40 Nuts |
| 1 - 3" Nose Wheel | 1 - 2" Spinner |
| 2 - 3-1/2" Main Wheels | 4 - #4 Washers |
| 18 - No. 69 Rubber Bands | 3 - 5/32" Wheel Collars with Allen Wrench |
| 1 - 10 oz. Fuel Tank | 2 - Nylon & Cable Pushrods |
| 3 - 6-32 x 1/8" Set Screws | 12" Heat-Proof Fuel Line |
| 2 - Solder Clevises | |
| 4 - 4-40 Engine Mtg. Bolts | |
| 2 - Couplers | |



* airplane kit not included



Order No.: SIGAK258

KADET MARK II ACCESSORY KIT

- CONTENTS:**
- | | |
|----------------------------|--|
| 2 - 2-56 Links | 4 - 4-40 Nuts |
| 1 - 2-1/2" Nose Wheel | 1 - 2" Spinner |
| 2 - 2-3/4" Main Wheels | 4 - #4 Washers |
| 24 - No. 64 Rubber Bands | 1 - 5/32" Wheel Collar with Allen Wrench |
| 1 - 8 oz. Fuel Tank | 2 - Nylon & Cable Pushrods |
| 1 - 6-32 x 1/8" Set Screw | 12" Heat-Proof Fuel Line |
| 2 - Solder Clevises | |
| 4 - 4-40 Engine Mtg. Bolts | |
| 2 - Couplers | |



* airplane kit not included



Order No.: SIGAK249

KADET SENIORITA ACCESSORY KIT

- CONTENTS:**
- | | |
|----------------------------|--|
| 2 - 2-56 Links | 4 - 4-40 Nuts |
| 1 - 2-1/4" Nose Wheel | 1 - 1-3/4" Spinner |
| 2 - 2-3/4" Main Wheels | 4 - #4 Washers |
| 12 - No. 67 Rubber Bands | 3 - 1/8" Wheel Collars with Allen Wrench |
| 1 - 6 oz. Rectangular Tank | 2 - Nylon & Cable Pushrods |
| 3 - 4-40 x 1/8" Set Screws | 12" Heat-Proof Fuel Line |
| 2 - Solder Clevises | |
| 4 - 4-40 Engine Mtg. Bolts | |
| 2 - Couplers | |



* airplane kit not included



Order No.: SIGAK260

KOUGAR ACCESSORY KIT

- CONTENTS:**
- | | |
|-----------------------------|---|
| 2 - 2-56 Links | 4 - #4 Washers |
| 3 - 2-1/2" Wheels | 3 - 5/32" Wheel Collars with Allen Wrench |
| 1 - 10 oz. Rectangular Tank | 2 - Nylon & Cable Pushrods |
| 3 - 6-32 x 1/8" Set Screws | 12" Heat-Proof Fuel Line |
| 2 - Solder Clevises | 2 - Nylon & Cable Pushrods |
| 4 - 4-40 Engine Mtg. Bolts | |
| 2 - Couplers | |
| 4 - 4-40 Nuts | |
| 1 - 2-1/2" Spinner | |



* airplane kit not included



Order No.: SIGAK235



ACCESSORY LIST FOR SIG R/C KITS

KIT NUMBER & NAME	MAIN WHEELS	NOSE OR TAILWHEEL	FUEL TANK SIZE & SHAPE (plastic "clunk" type)	SPINNER SIZE
SIGRC3 1/6 SCALE PIPER J-3 CUB	(2) 3"	(1) 1"	6 - 8 oz. round or rectangular	not needed
SIGRC26 1/6 SCALE CLIPPED WING CUB	(2) 3"	(1) 1"	6 - 8 oz. round or rectangular	not needed
SIGRC30 CITABRIA	(2) 3"	(1) 1"	8 - 10 oz. round or rectangular	1-3/4" diameter
SIGRC34 SKYBOLT	(2) 2-1/2"	(1) 1-1/2"	12 oz. rectangular	2" diameter
SIGRC35 KOUGAR	(2) 2-1/2"	(1) 2-1/2"	10 oz. rectangular	2-1/2" diameter
SIGRC38 SMITH MINIPLANE	(2) 2-3/4"	(1) 1"	10 oz. rectangular	2" diameter
SIGRC39 KAVALIER	(2) 2-3/4"	(1) 2-1/4"	10 oz. rectangular	2-1/4" diameter
SIGRC44 FOUR-STAR 40	(2) 2-3/4"	(1) 3/4"	8 - 10 oz. rectangular	2" diameter
SIGRC47 1/4 SCALE CLIPPED WING CUB	(2) 4-1/2"	(1) 1-1/2"	14 - 16 oz. rectangular	not needed
SIGRC48 1/4 SCALE PIPER J-3 CUB	(2) 4-1/2"	(1) 1-1/2"	14 - 16 oz. rectangular	not needed
SIGRC49 KADET MARK II	(2) 2-3/4"	(1) 2-1/2"	8 oz. rectangular	2" diameter
SIGRC50 HUMMER	included	not needed	1 - 2 oz. slant	not needed
SIGRC53 KOBRA	(2) 2"	(1) 2"	6 oz. rectangular	2-1/4" diameter
SIGRC54 KING KOBRA	(2) 2-3/4"	(1) 2-1/2"	12 - 14 oz. rectangular	2-1/2" diameter
SIGRC55 ASTRO-HOG	(2) 3"	(1) 2-3/4"	12 oz. round or rectangular	not needed
SIGRC56 MID-STAR 40	(2) 2-3/4"	(1) 2-1/2"	8 - 10 oz. rectangular	2" diameter
SIGRC58 KADET SENIOR	(2) 3-1/2"	(1) 3"	10 oz. round or rectangular	2" diameter
SIGRC59 SPACEWALKER II	(2) 4"	(1) 1-1/2"	16 oz. rectangular	3" diameter
SIGRC60 KADET SENIORITA	(2) 2-3/4"	(1) 2-1/4"	6 oz. round or rectangular	1-3/4" diameter
SIGRC61 1/3 SCALE SPACEWALKER	(2) 4-1/2"	(1) 2"	24 oz. rectangular	3-1/4" diameter
SIGRC65 FOUR-STAR 120	(2) 4"	(1) 1-1/4"	16 - 20 oz. rectangular	2-3/4" diameter
SIGRC66 WONDER	not needed	not needed	4 oz. rectangular	1-3/4" diameter
SIGRC67 KADET LT-40	(2) 3"	(1) 2-3/4"	8 oz. rectangular	2" diameter
SIGRC68 FAZER	(2) 2-1/2"	(1) 3/4"	4 oz. rectangular	2" diameter
SIGRC69 HOG-BIPE	(2) 3"	(1) 1"	12 oz. rectangular	2-1/2" diameter
SIGRC71 ULTIMATE FUN FLY	(2) 2-1/4"	(1) 3/4"	4 oz. or 6 oz. rectangular	2-1/4" diameter
SIGRC73 FOUR-STAR 60	(2) 3-1/4"	(1) 1-1/4"	12 oz. rectangular	2-1/2" diameter
SIGRC74 KADET LT-25	(2) 3"	(1) 3/4"	6 oz. rectangular	1-3/4" diameter
SIGRC76 SOMETHIN' EXTRA®	(2) 2-3/4"	(1) 1"	8 oz. rectangular	2-1/4" diameter
SIGRC80 RASCAL R/C	(2) 1-7/8" Thin	not needed	2 oz. slant style	1-1/2" diameter
SIGRC82 1/5 SCALE PIPER J-3 CUB ANNIV.	(2) 3-3/8"	(1) 1"	12 oz. round or rectangular	not needed
SIGRC85 SEALANE	not needed	not needed	8 oz. round	2-1/4" diameter
SIGRC106 FOUR-STAR 20 EP	(2) 2-1/2"	(1) 3/4"	4 oz. round or rectangular	2 to 2-1/4" diameter

ACCESSORY LIST FOR SIG C/L KITS

KIT NUMBER & NAME	MAIN WHEELS	NOSE OR TAILWHEEL	FUEL TANK SIZE & SHAPE (plastic "clunk" type)	SPINNER SIZE
SIGCL11 BANSHEE	(2) 3"	(1) 1"	6 - 8 oz. round or rectangular	not needed
SIGCL12 BUSTER	(2) 3"	(1) 1"	6 - 8 oz. round or rectangular	not needed
SIGCL13 SHOESTRING	(2) 3"	(1) 1"	8 - 10 oz. round or rectangular	1-3/4" diameter
SIGCL15 DEWEYBIRD	(2) 2-1/2"	(1) 1-1/2"	12 oz. rectangular	2" diameter
SIGCL17 BEECH STAGGERWING	(2) 2-3/4"	(1) 1"	10 oz. rectangular	2" diameter
SIGCL19 SUPER CHIPMUNK	(2) 2-3/4"	(1) 2-1/4"	10 oz. rectangular	2-1/4" diameter
SIGCL20 AKROMASTER	(2) 2-3/4"	(1) 3/4"	8 - 10 oz. rectangular	2" diameter
SIGCL22 TWISTER	(2) 4-1/2"	(1) 1-1/2"	14 - 16 oz. rectangular	not needed
SIGCL23 SKYRAY	(2) 2-3/4"	(1) 2-1/2"	8 oz. rectangular	2" diameter
SIGCL25 SKYRAY 35	(2) 2"	(1) 2"	6 oz. rectangular	2-1/4" diameter

SIG FOAM RUBBER

SOFT NATURAL FOAM RUBBER FOR PROTECTING COSTLY R/C EQUIPMENT

Genuine latex FOAM RUBBER is the best material available to protect the delicate radio equipment inside your R/C models. Loosely wrapped around the receiver and battery pack, FOAM RUBBER can keep harmful engine vibrations from causing a serious radio "glitch". Also helps protect the receiver and battery from shock damage in the event of a crash. Model boats need it to prevent the constant pounding of the water against the hull from causing trouble. Soft, shock absorbent, and lightweight. There is absolutely no substitute for genuine FOAM RUBBER in protecting on-board radio gear. Highly recommended by all leading radio manufacturers. In addition to R/C installations, FOAM RUBBER can also be used for many other types of craft/hobby work. Ideal for extra padding in chair and sofa cushions, making new pads for playpen and crib railings, or shock mounting fragile craft projects. Can be glued with ordinary wood/paper glues, contact cement or epoxy. Clean, odorless, moth and mildew proof.



Order No. SIGRF240

<u>Order No.:</u>	<u>Size</u>
SIGRF239	1/4 in. thick x 8 in. x 12 in.
SIGRF240	1/2 in. thick x 8 in. x 12 in.

SIG VELCRO TAPE

Perfect for securing items like battery packs, fuel tanks and receivers inside your model for normal flight stresses, but allows the item to break loose in the event of a major mishap.



<u>Order No.:</u>	<u>Size</u>
SIGRPVT34414	3/4 in. x 4-1/4 in. ²

SIG VINYL WING CUSHION TAPE

Perfect for securing items like battery packs, fuel tanks and receivers inside your model for normal flight stresses, but allows the item to break loose in the event of a major mishap.



Order No. SIGSH118

<u>Order No.:</u>	<u>Size</u>
SIGSH117	1/16 in. x 1/4 in. x 36 in.
SIGSH118	1/8 in. x 1/2 in. x 36 in.

SIG SERVO MOUNTING TAPE

A medium density, small cell vinyl foam tape with self-stick adhesive on both sides. Often used to mount servos in a tightly cramped model where a standard servo tray cannot be used. Simply apply the tape directly to the side of the servo, and then stick the servo wherever you want it on the inside of the model structure. It will hold the servo securely, without any screws or bolts. Also handy for mounting switches, tanks, or almost anything else, without using screws. Handy to have in your flight box!



Order No. SIGSH119

<u>Order No.:</u>	<u>Size</u>
SIGSH119	1/16 in. x 1/2 in. x 36 in.
SIGSH120	1/8 in. x 1/2 in. x 36 in.

SIG WING CUSHION TAPE

A very light, open cell, white foam tape with self-stick adhesive on one side. Highly compressible and soft. When applied to the fuselage wing saddle it creates a tight fitting cushion for the wing. Protects the wing finish and seals the fuselage interior from oil and dirt.

<u>Order No.:</u>	<u>Size</u>
SIGSH545	1/8 in. x 3/8 in. x 36 in.
SIGSH546	1/4 in. x 1/4 in. x 36 in.



SIG COCKPIT COAMING

For simulating the edge typical of most open cockpit airplanes. Black tubing must be cut to length, then split lengthwise along one side, and epoxied into place. The Albatros D. V application shown in the photo.

<u>Order No.:</u>	<u>Size</u>
SIGSH570	1/4 in. O.D. x 1/8 in. I.D. x 24 in.



SIG NYLON FILAMENT TAPE

Recommended by the SIG Factory Fliers for reinforcing injection molded foam parts, especially foam wings. Strip(s) of this tape placed spanwise on the bottom of a molded foam wing will greatly increase its strength.

<u>Order No.:</u>	<u>Size</u>
SIGSH571	3/4 in. x 1 ft. Roll

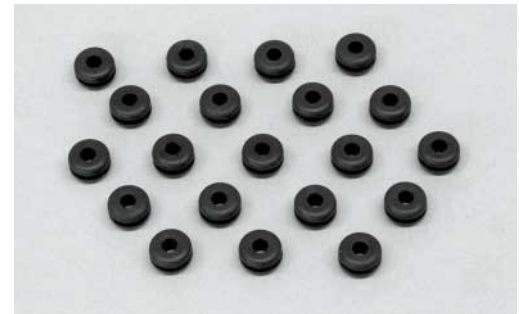


SIG RUBBER GROMMETS

A variety of uses.

Hole Pack: 20 pcs.

<u>Order No.:</u>	<u>Size</u>
SIGSH128	11/32 in. O.D. x 3/16 in. Thick 1/8 in. Dia.



SIG ELECTRICAL CLIPS

Cadmium Plated steel - firm grip - no solder.
Pack: 2 pcs.

<u>Order No.:</u>	<u>Description</u>
SIGSH370	SIG Micro Gator Clips
SIGSH371	SIG Mini-Gator Clips
SIGSH372	SIG Alligator Clips
SIGSH373	SIG Pee-Wee Clips



SIG THREADED HARDWOOD BLOCKS

Perfect for wing and landing gear mounts.

3/8 in. x 3/4 in. x 1 in. MAPLE

<u>Order No.:</u>	<u>Thread</u>
SIGSH218	1/4 - 20
SIGSH219	8 - 32
SIGSH592	10 - 32



SIG RUBBER BANDS

Using fresh rubber bands for each flying session is the best inexpensive insurance your model can get. Provides pop-off wing protection during a crash. Also used for securing hatches, fuel tanks, foam padding etc.



SIG Rubber Bands

Quantity 1 oz.

Order No.	No.	Size
SIGSH359	No. 8	1/16 in. x 7/8 in.
SIGSH360	No. 10	1/16 in. x 1/4 in.
SIGSH361	No. 14	1/16 in. x 2 in.
SIGSH362	No. 16	1/16 in. x 2-1/2 in.
SIGSH363	No. 30	1/8 in. x 2 in.
SIGSH364	No. 32	1/8 in. x 3 in.
SIGSH365	No. 62	1/4 in. x 2-1/2 in.
SIGSH366	No. 64	1/4 in. x 3-1/2 in.
SIGSH747	No. 67	1/4 in. x 5 in.
SIGSH750	No. 69	1/4 in. x 6 in.
SIGSH367	No. 84	1/2 in. x 3-1/2 in.
SIGSH369	No. 107	5/8 in. x 7 in.

Quantity 1/4 lb.

Order No.	No.	Size
SIGSH335	No. 8	1/16 in. x 7/8 in.
SIGSH336	No. 10	1/16 in. x 1/4 in.
SIGSH337	No. 14	1/16 in. x 2 in.
SIGSH338	No. 16	1/16 in. x 2-1/2 in.
SIGSH339	No. 30	1/8 in. x 2 in.
SIGSH340	No. 32	1/8 in. x 3 in.
SIGSH341	No. 62	1/4 in. x 2-1/2 in.
SIGSH342	No. 64	1/4 in. x 3-1/2 in.
SIGSH748	No. 67	1/4 in. x 5 in.
SIGSH751	No. 69	1/4 in. x 6 in.
SIGSH343	No. 84	1/2 in. x 3-1/2 in.
SIGSH345	No. 107	5/8 in. x 7 in.

Quantity 1 lb.

Order No.	No.	Size
SIGSH347	No. 8	1/16 in. x 7/8 in.
SIGSH348	No. 10	1/16 in. x 1/4 in.
SIGSH349	No. 14	1/16 in. x 2 in.
SIGSH350	No. 16	1/16 in. x 2-1/2 in.
SIGSH351	No. 30	1/8 in. x 2 in.
SIGSH352	No. 32	1/8 in. x 3 in.
SIGSH353	No. 62	1/4 in. x 2-1/2 in.
SIGSH354	No. 64	1/4 in. x 3-1/2 in.
SIGSH749	No. 67	1/4 in. x 5 in.
SIGSH752	No. 69	1/4 in. x 6 in.
SIGSH355	No. 84	1/2 in. x 3-1/2 in.
SIGSH357	No. 107	5/8 in. x 7 in.

SIG RADIO CONTROL HOOK-UP WIRE

COPPER WIRE, VINYL INSULATED, 26 GAUGE

A high-quality, multi-stranded, general purpose wire. Meets rigid military specifications. High resistance to moisture and fuel.

8 DIFFERENT COLORS PER PACKAGE

3 FOOT LENGTHS

Order No.: SIGSH328

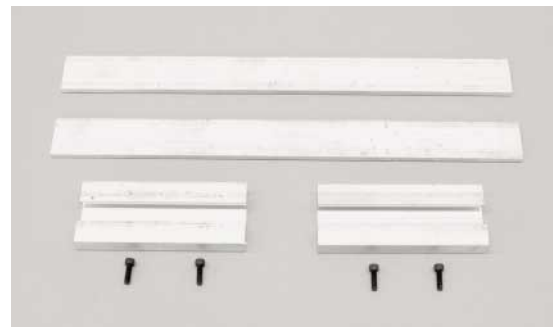


SIG HEAVY DUTY ALUMINUM WING JOINER

FOR GIANT SCALE MODELS

Developed originally for the 1/3-scale Spacewalker kit, this aluminum wing joiner can be used by scratch builders for all types of giant-sized models. The parts can be sawn to different lengths to fit your application. Each package contains two 3 in. joiner channels, two 9 in. joiner spars, four socket-head screws, and mounting instructions.

Order No.: SIGSH724



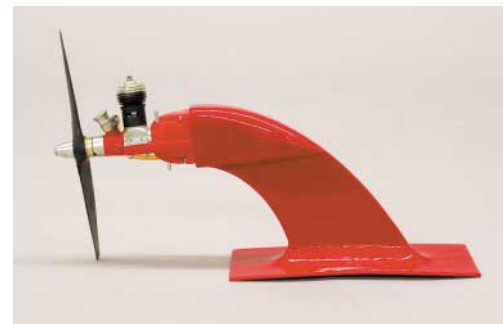
SIG POWER POD

Here's an easy way to get your 2-meter sailplane to new heights, with less room than required by a high-start. This power pod requires a minimum of time to assemble. Once finished, mount any reed or rotary valve .049 - .051 engine, fasten the unit to the sailplane, and up you go.

KIT FEATURES:

- SIG Balsa and Plywood
- Die-Cut & Precut Parts
- Engine Mounting Screws
- Plans & Instructions

Order No.: SIGSH660





SIG Universal / WWII Canopies

SIG UNIVERSAL CLEAR CANOPIES

A universal design that can be trimmed to fit most models.

Sizes from 4 in. (10 cm) to 16 in. (40.5 cm) long.
Formed from 0.030 in. (0.75 mm) Clear Plastic.

<u>Order No.</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>
SIGCS004	4 in.	1-1/8 in.	1 in.
SIGCS005	5 in.	1-3/16 in.	1 in.
SIGCS006	6 in.	1-1/2 in.	1-3/8 in.
SIGCS007	7 in.	1-7/8 in.	1-1/2 in.
SIGCS008	8 in.	2 in.	1-5/8 in.
SIGCS009	9 in.	2 in.	1-3/4 in.
SIGCS010	10 in.	2-1/4 in.	2 in.
SIGCS011	11 in.	2-1/2 in.	2 in.
SIGCS012	12 in.	2-3/4 in.	2-1/4 in.
SIGCS013	13 in.	2-7/8 in.	2-5/8 in.
SIGCS014	14 in.	3-1/8 in.	2-1/2 in.
SIGCS015	15 in.	3-1/8 in.	2-5/8 in.
SIGCS016	16 in.	3-1/4 in.	2-5/8 in.

SIG WORLD WAR II STYLE CANOPIES

Universal WWII fighter style will fit a variety of models. Give your F/F, C/L, or R/C model a distinctive touch with this type of canopy.

13 in. (33 cm) and 15 in. (38 cm) sizes are formed from 0.040 in. (1.00 mm) thick. Other sizes are 0.030 in. (0.75 mm) thick. Molded from Clear Butyrate Plastic.

<u>Order No.</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>
SIGWC805	5 in.	1-5/8 in.	1-1/4 in.
SIGWC807	7 in.	1-7/8 in.	1-3/4 in.
SIGWC809	9 in.	2-3/8 in.	2-1/4 in.
SIGWC811	11 in.	2-7/8 in.	2-3/4 in.
SIGWC813	13 in.	3-3/8 in.	3-1/4 in.
SIGWC815	15 in.	4-1/4 in.	3-3/4 in.

SIG GLASS FILLED ENGINE MOUNTS

Molded from a new, high-tech, glass-filled plastic, and braced with webs, these mounts are far stronger than typical glass-filled nylon types. The real beauty of these mounts is that they don't require tapping. Simply drill holes to clear your engine mounting bolts, then fasten your engine to the mounts using 3/4 in. long bolts and aircraft lock nuts (4-40 or 6-32 depending on engine, not included). Bolts and blind nuts are included for bolting the mounts to your firewall.

Order No.:	SIGEM002	Engine Mount up to .19 in. ³
Order No.:	SIGEM001	Engine Mount .19 to .61 in. ³
Order No.:	SIGEM003	Engine Mount .61 to .90 in. ³



Order No. SIGEM001

SIG ENGINE MOUNTING PLATE - PROFILE MODELS DESIGNED FOR USE WITH R/C OR C/L PROFILE AIRPLANES

Eliminates crushing of the wood. Provides a solid mounting surface, which helps reduce vibration.

For .25 - .46 in.³ Engines

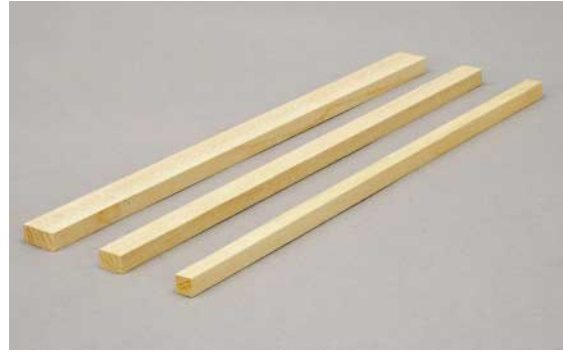
Order No.: SIGSH753



SIG MAPLE MOTOR MOUNTS

- CUT FROM ROCK HARD MAPLE
- STRONGEST WOOD FOR ITS WEIGHT
- RESISTS SPLITTING
- LOW OIL ABSORPTION

Even in this age of plastic and super alloys, there are still some modelers who prefer HARD MAPLE MOTOR MOUNTS for their airplanes. These are still the most economical mounts you can buy, and they offer a unique ability to absorb the small engine vibrations that can damage your model and radio over time. Maple mounts also add incredible strength to a model when they are extended back through the tank compartment. SIG's motor mounts are cut from dense, rock hard maple - one of the strongest woods for its weight available.



Order No.:	Size	Order No.:	Size
SIGMM001	3/8 in. x 3/8 in. x 12 in.	SIGMM003	3/8 in. x 3/4 in. x 12 in.
SIGMM002	3/8 in. x 1/2 in. x 12 in.	SIGMM004	1/2 in. x 5/8 in. x 12 in.

SIG DUMMY ENGINE KITS

1/3-SCALE & 1/4-SCALE

Patterned after the ever popular 4-cylinder Continental engine, these kits are just the ticket for putting the finishing touch on a 1/4-scale or 1/3-scale model of a Taylorcraft L-2, Aeronca L-3, or homebuilt Flybaby. These are the same dummy engine parts provided in our Piper J-3 Cub, Spacewalker, and Spacewalker II kits. Finished dummy engine mounted on a SIG Piper J-3 Cub cowling. Includes lightweight vacu-formed plastic moldings of the engine, exhaust system, and cooling shrouds. Made of tough ABS plastic which is easy to cut out, glue, and paint. SIG-Ment glue, Dope Thinner, MEK, or CA glue is recommended for assembly. Can be painted with dope, enamel, or epoxy paints.



Order No. SIGSH742

- Order No.:** SIGSH617 Dummy Engine Kits 1/4-Scale (Piper Cub)
Order No.: SIGSH714 Dummy Engine Kits 1/3-Scale (Spacewalker)
Order No.: SIGSH742 Dummy Engine Kits 1/4-Scale (Spacewalker II)

SIG 1/5-SCALE ENGINE KIT

Patterned after the ever popular 4-cylinder Continental engine, these are the same dummy engine parts provided in our 1/5th scale Piper J-3 Cub kit. Finished dummy engine mounted on a SIG Piper J-3 Cub cowling. Includes lightweight vacu-formed plastic moldings of the engine, exhaust system, and cooling shrouds. Made of tough ABS plastic which is easy to cut out, glue, and paint. SIG-Ment glue, Dope Thinner, MEK, or CA glue is recommended for assembly. Can be painted with dope, enamel, or epoxy paints.



Order No.: SIGSH682

SIG RADIAL ENGINE COWLS

4 in. Plastic Round Cowling

This vacuum formed plastic cowling was originally designed for the SIG Relic kit (kit discontinued). 4 in. diameter x 2 in. deep

Order No.: SIGRPEC322



Order No. SIGRPEC322

3-1/4 in. Steel Round Cowling

This stamped steel radial cowling was originally designed for the Berkley/SIG control-line AT-6 (kit discontinued).

3-1/4 in. diameter x 1-5/8 in. deep

Order No.: SIGRPEC006



Order No. SIGRPEC006

3-1/2 in. Steel Round Cowling

This stamped steel radial cowling was originally designed for the Berkley/SIG C/L Curtiss Goshawk (kit discontinued).

3-1/2 in. diameter x 1-1/8 in. deep

Order No.: SIGRPEC300



SIG ALUMINUM WING JOINER with Phenolic Tube

This is the same wing joiner system used in the SIG Somethin' Extra®. It is perfect for smaller .40 to .60 designs. It allows secure wing panel mounting and easy removal. The aluminum tube measures 7/8 in. O.D. x 15-1/4 in., while the female phenolic impregnated tube measures .880 in. I.D. x 16 in.

Order No.: SIGSH778



SIG FUELING VALVE MOUNTING BRACKET

Fueling valves are all the rage, and Du-Bro makes one of the most popular fuelers on the market. The only problem is coming up with a sturdy mounting bracket to hold it in place on your fuselage. SIG's aluminum mounting fits both the Du-Bro 334 and 335 Kwik Fill Fueling Valves. Each bracket is bent and pre-drilled for an easy installation.

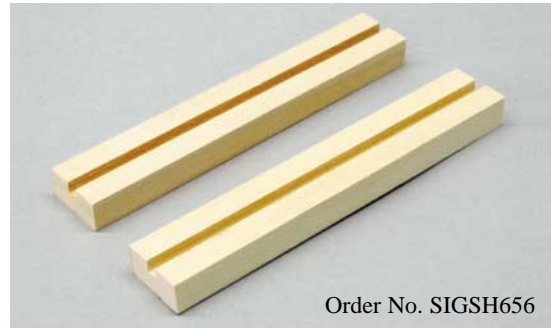
Includes mounting screws.

Order No.: SIGSH759



SIG GROOVED HARDWOOD LANDING GEAR MOUNTS

Order No.:	Size
SIGSH655	5/16 in. x 5/8 in. x 6 in. Mounts with 1/8" groove
SIGSH125	3/8 in. x 3/4 in. x 6 in. Mounts with 5/32" groove
SIGSH656	1/2 in. x 1 in. x 6 in. Mounts 3/16" groove



Order No. SIGSH656

SIG NOSE GEAR

These pre-formed, ready-to-use nose gears can be used as replacement parts for your SIG kit, or for use in scratch built designs. Tight, machine-wound coil springs that can take the punishment of hard landings.

LENGTH IS THE MEASUREMENT FROM THE BOTTOM OF THE COIL TO THE MIDDLE OF THE AXLE

Complete With Pre-Formed Landing Gear Wire, Nose Gear Bearing, Steering Arm, Mounting Bolts, Blind Nuts, Wheel Collar, & Wrench

<u>Order No.</u>	<u>Wire dia.</u>	<u>Size</u>	<u>Fits for</u>
SIGSH601	1/8 in.	1-3/4 in.	Klipper & Colt
SIGSH602	1/8 in.	2-1/4 in.	Kadet Jr.
SIGSH603	5/32 in.	2 in.	Kadet Mark I & Komander
SIGSH630	5/32 in.	2-1/4 in.	Kadet Mark II
SIGSH604	5/32 in.	2-1/2 in.	Kougar, Kavalier, and Mid-Star 40
SIGSH605	5/32 in.	3 in.	King Kobra
SIGSH695	5/32 in.	3-13/16 in.	Kadet Senior
SIGSH719	1/8 in.	3-1/16 in.	Kadet Seniorita

Pre-Formed Landing Gear Wire Only

<u>Order No.</u>	<u>Wire dia.</u>	<u>Size</u>	<u>Fits for</u>
SIGSH596	1/8 in.	1-3/4 in.	Klipper & Colt
SIGSH597	1/8 in.	2-1/4 in.	Kadet Jr. & Kobra
SIGSH598	5/32 in.	2 in.	Kadet Mark I & Komander
SIGSH631	5/32 in.	2-1/4 in.	Kadet Mark II
SIGSH599	5/32 in.	2-1/2 in.	Kougar, Kavalier, Mid-Star 40
SIGSH600	5/32 in.	3 in.	King Kobra
SIGSH696	5/32 in.	3-13/16 in.	Kadet Senior
SIGSH717	1/8 in.	3-1/16 in.	Kadet Seniorita



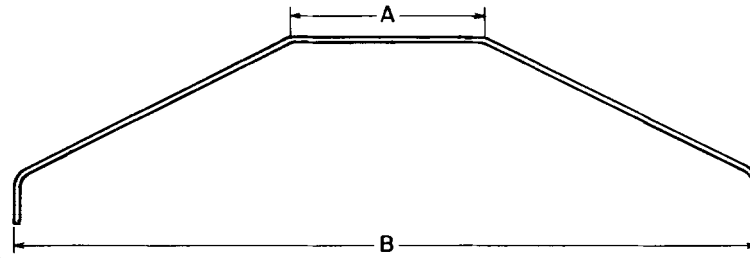
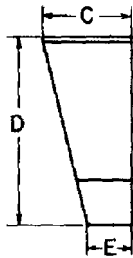
Order No. SIGSH605



SIG Formed Aluminum Landing Gear

SIG FORMED ALUMINUM LANDING GEAR

<u>Order No.</u>	<u>Kit</u>	<u>Thickness</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
SIGRPBA230	Citabria (2 piece)	.090 in. (3/32 in.)					
SIGRPBA244	Four-Star 40	.090 in. (3/32 in.)	3-1/4 in.	14 in.	1-1/2 in.	3-1/2 in.	3/4 in.
SIGRPBA249	Kavalier/Kadet Mark II/Mid-Star 40	.090 in. (3/32 in.)	3-1/2 in.	13 in.	1-1/2 in.	3-1/4 in.	3/4 in.
SIGRPBA250	Hummer	.040 in. (1/25 in.)	2-1/8 in.	8 in.	1 in.	2-1/4 in.	1/2 in.
SIGRPBA265	Four-Star 120	.125 in. (1/8 in.)	4-1/4 in.	20 in.	2 in.	5-3/8 in.	1 in.
SIGRPBA268	Fazer (2 piece profile)	.090 in. (3/32 in.)	-----	10-3/4 in.	1-1/2 in.	4-7/8 in.	5/8 in.
SIGRPBA271	Ultimate (2 piece profile)	.090 in. (3/32 in.)	-----	10-3/4 in.	1-1/8 in.	5-1/2 in.	3/4 in.
SIGRPBA273	Four-Star 60/Hog Bipe	.060 in. (1/16 in.)	4-1/8 in.	13-1/8 in.	1-1/2 in.	4-5/8 in.	3/4 in.
SIGRPBA274	Kadet LT-25	.090 in. (3/32 in.)	3-1/4 in.	12-1/4 in.	1-1/2 in.	4-11/16 in.	3/4 in.
SIGRPBA276	Somethin' Extra®	.090 in. (3/32 in.)	3-1/2 in.	9-7/8 in.	1-1/2 in.	3-5/8 in.	3/4 in.
SIGRPBA283EGARF	Rascal 72	.125 in. (1/8 in.)	4-5/16 in.	12-5/8 in.	1 in.	4-15/16 in.	7/8 in.
SIGRPBA284ARF	Rascal 110	.156 in. (5/32 in.)	5-1/4 in.	18-1/2 in.	2-5/16 in.	7-5/16 in.	1-5/16 in.
SIGRPBA104ARF	Kadet EP-42B	.063 in. (1/16 in.)	2-1/2 in.	7-7/8 in.	5/8 in.	2-3/4 in.	7/16 in.
SIGRPBA2106	Four-Star 20 EP	.090 in. (3/32 in.)	2-3/4 in.	11 in.	1 in.	3-3/16 in.	5/8 in.



SIG TEMPERED SPRING ALUMINUM FLAT LANDING GEAR BLANKS

<u>Order No.:</u>	<u>Size</u>
SIGGB006	3/32 in. x 1-1/2 in. x 12 in.
SIGGB007	3/32 in. x 1-1/2 in. x 15 in.
SIGGB008	3/32 in. x 2 in. x 18 in.

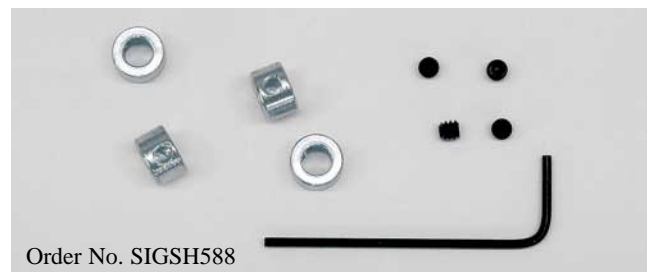


Order No. SIGGB006

SIG WHEEL COLLARS

Top quality plated wheel collars complete with socket head set screws and wrench. Pack: 4 pcs.

<u>Order No.:</u>	<u>Inner Dia.</u>
SIGSH584	1/16 in.
SIGSH585	3/32 in.
SIGSH586	1/8 in.
SIGSH587	5/32 in.
SIGSH588	3/16 in.



Order No. SIGSH588



SIG NOSE GEAR BEARING

Order No.:

- SIGSH113 Only Gear Bearing 1/8 in.
- SIGSH114 Only Gear Bearing 5/32 in.
- SIGSH115 Bearing w/ Blind Nuts, Bolts 1/8 in.
- SIGSH116 Bearing w/ Blind Nuts, Bolts 5/32 in.



Order No. SIGSH114

SIG NYLON STEERING ARM

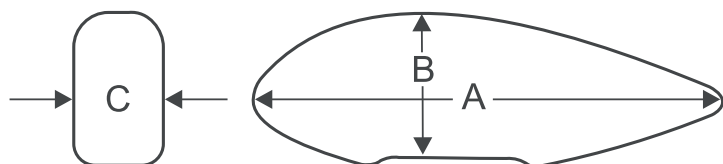
Order No.: **Strut Size**

- SIGSH101 for 1/8 in.
- SIGSH102 for 5/32 in.



Order No. SIGSH102

SIG MOLDED ABS PLASTIC WHEEL PANTS



Order No. SIGSH708

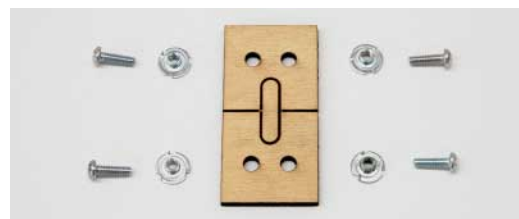
Order No.	Kit	A	B	C
SIGSH378	Four-Star 40, Hog-Bibe, Somethin' Extra	7-1/8 in.	2-9/16 in.	1-5/8 in.
SIGSH708	Citabria (Revised)	8-1/16 in.	2-9/16 in.	1-5/8 in.
SIGSH744	Four-Star 120 (not included in kit)	10-3/4 in.	2-9/16 in.	2 in.
SIGSH740	Spacewalker II	10-15-16 in.	3-5/16 in.	1-3/4 in.
SIGSH780	Ultimate	6-1/2 in.	1-15/16 in.	1-1/4 in.
SIGSH385	C/L Super Chipmunk	6-1/2 in.	2 in.	7/8 in.
SIGSH563	Smith Miniplane	5-1/8 in.	2-1/8 in.	1-1/2 in.
SIGSH880	Rascal	5 in.	1-5/8 in.	5/6 in.

SIG WHEEL PANT MOUNT

Laser Cut with Bolts and Blind Nuts.

Order No.:

- SIGSH728 Wheel Pant Mount



SIG FIBERGLASS WHEEL PANTS

These rugged glass cloth and epoxy resin wheel pants come with the halves pre-joined with fiberglass tape along the inside seam and the wheel holes already cut. Pack: 1 pair.

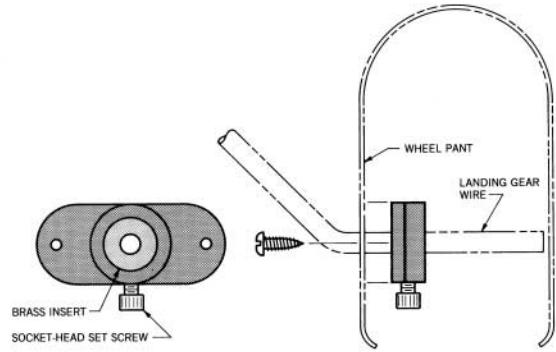
Order No.:	Model	A	B	C
SIGSH712	Spacewalker	12-3/4 in.	3-7/8 in.	2-5/16 in.



SIG WHEEL PANT MOUNTS

Fitting wheel pants to wire landing gear is now quick and easy with these handy mounts. Available in four sizes to fit 1/8 in. to 1/4 in. dia. landing gear wires. Each package contains two mounts, two socket-head set screws, & four mounting screws. Pack: 1 pair.

Order No.:	Axle Hole dia.
SIGSH726	for 1/8 in.
SIGSH727	for 5/32 in.
SIGSH720	for 3/16 in.
SIGSH721	for 1/4 in.



SIG STEERABLE TAIL WHEEL BRACKET

A convenient method of attaching a tail wheel. For 1/16 in. tail wheel wire. Complete with Screws.

Order No.: SIGSH132



SIG TAIL WHEEL ASSEMBLY

Add a touch of class to your next giant scale or giant sport model with one of these realistic tail wheel assemblies. Borrowing from full-scale practice, our tail wheel assemblies use hardened spring-steel leaf springs for maximum shock absorption. They both feature a unique molded nylon tail wheel bearing, a formed tail wheel wire, and complete hardware. The molded nylon steering arm and heavy-duty rudder control horn are connected by high-quality coiled steering springs. Everything's included except the tail wheel itself.

Large Tailwheel Assembly

For models weighing 8 - 16 lbs. 3/32 in. tail wheel wire accepts up to 1-1/2 in. dia. tailwheels.

Order No.: SIGSH729

Extra-Large Tailwheel Assembly

For models weighing over 15 lbs. 1/8 in. tail wheel wire accepts up to 2-1/4 in. dia. tailwheels.

Order No.: SIGSH730



SIG HEAVY-DUTY TAIL WHEEL ASSEMBLY

Each size is very scale-like in appearance and includes a lightweight tail wheel, centering springs and a super strong, aluminum bar stock mount that's up to the toughest challenge. Easy to install, the SIG tail wheel assemblies are a perfect match for any R/C airplane.

Order No.: SIGSH756 Small for .40 - .60 R/C Airplanes

Order No.: SIGSH757 Medium for .90 - 1.20 R/C Airplanes

Order No.: SIGSH758 Large for 1.20 - 2.40 R/C Airplanes



SIG HEAVY-DUTY TAIL WHEEL BRACKET

For models that weigh 6 to 12 pounds.

Accepts 1 in. to 1-1/2 in. dia. tail wheel.

Here's a complete tail wheel system for your next six-to twelve-pound airplane. Simply glue the tail wheel wire into your rudder and bolt the bracket to the bottom of your fuselage for a simple, maintenance-free installation. Each package includes a tough nylon tail wheel bracket, a pre-bent 3/32 in. dia. tail wheel wire, mounting screws, and flat washers. Will accept a 1 in. to 1-1/2 in. dia. tail wheel (not included).

Order No.: SIGSH739



SIG NYLON LANDING GEAR RETAINING STRAPS

Complete with screws. Pack: 4 pcs.

Order No.: SIGSH131 Nylon Landing Gear Retaining Straps
Order No.: SIGSH709 XL Nylon Landing Gear Retaining Straps



Order No. SIGSH131

SIG NYLON LANDING GEAR CLIPS

Complete with screws. Pack: 4 pcs.

Order No.: **Size**
SIGSH522 3/32 in.
SIGSH523 1/8 in.



Order No. SIGSH523

SIG PLASTIC TAIL WHEEL

3/4 in. Diameter. Durable solid treaded tire.

Order No.: SIGSH541



SIG SPINNERS

Available in five brilliant colors and seven popular diameters, each is precision molded from Nylon. What sets the SIG spinners apart from the competition is the fact that they are designed to accept APC propellers, (typically used with specific diameters), without the need to carve out the prop exits. Modelers now have spinners that need no modification for use with the most popular line of propellers.



Diameter in.	1-1/2 in.	1-3/4 in.	2 in.	2-1/4 in.	2-1/2 in.	2-3/4 in.	3 in.
Diameter mm	38 mm	45 mm	51 mm	57 mm	64 mm	70 mm	76 mm
Color	Order No.	Order No.	Order No.	Order No.	Order No.	Order No.	Order No.
White	SIGSP151	SIGSP1751	SIGSP201	SIGSP2251	SIGSP251	SIGSP2751	SIGSP301
Black	SIGSP152	SIGSP1752	SIGSP202	SIGSP2252	SIGSP252	SIGSP2752	SIGSP302
Red	SIGSP153	SIGSP1753	SIGSP203	SIGSP2253	SIGSP253	SIGSP2753	SIGSP303
Blue	SIGSP154	SIGSP1754	SIGSP204	SIGSP2254	SIGSP254	SIGSP2754	SIGSP304
Yellow	SIGSP155	SIGSP1755	SIGSP205	SIGSP2255	SIGSP255	SIGSP2755	SIGSP305

Free Flight (F/F) Accessories

SIG SPORT RUBBER

Perfect for most rubber band free flight airplanes models, SIG's Sport Rubber is for the everyday modeler desiring high quality power at a reasonable price.

Made of pure synthetic rubber, it is available in 1/8 and 1/4 inch widths in three convenient packs.

Order No.:	Size
SIGSR018	1/8 [1-LB] 475 ft.
SIGSR316	3/16 [1-LB] 320 ft.
SIGSR325	3/16 X 25 ft.
SIGSR350	3/16 X 50 ft.
SIGSR825	1/8 X 25 ft.
SIGSR850	1/8 X 50 ft.



SIG RUBBER WINDERS

These winders are intended only for peanut and indoor size models. Do not exceed equivalent of 4 loops of SIG 1/8 in. Contest Rubber with 100 winder turns.

- Smooth running
- Winds forward or backward
- Durable plastic case
- Choice of two sizes

6:1 winding ratio • 2-1/8 in. diameter case

Order No.: SIGSH620 - SIG Small Winder

16:1 winding ratio • 2-1/2 in. diameter case

Order No.: SIGSH662 - SIG Large Winder



Order No. SIGSH662

SIG LIGHTWEIGHT PLASTIC PROPS

Ideal for small scale and endurance models. Pack: 6 pcs.

Order No.: SIGNPPO055 - 5-1/2 in. Prop Only

Order No.: SIGNPPA055 - 5-1/2 in. Prop & Nose Piece



SIG HI-TORQUE PROPS

For Rubber Power Models

A highly efficient, molded plastic propeller that gets every ounce of thrust from rubber motors. Competes with hand-carved props.

Pack: 6 pcs.

Order No.: SIGSP003 - 7 in. High-Torque Prop Only

Order No.: SIGSP004 - 7 in. High-Torque Prop & Nose Piece



SIG SURE-FIRE DE-THERMALIZER FUSE

Slightly smaller than 1/4 in., it readily fits into a 1/4 in. snuffer tube; it is easier to light, glows very hot, and absolutely will not go out. Calibrated in one-minute marks, it saves builders a lot of lost airplanes. 5 ft. Roll.

Order No.: SIGSH331



SIG RUBBER LUBE

With this formula and the use of stretch winding, duration of any size rubber model can be greatly increased. Also lengthens motor life. Content 4 Oz.

Order No.: SIGRL001



SIG BEADS FOR RUBBER POWERED PROP WASHERS

Used for prop bearings. Pack: 12 pcs.

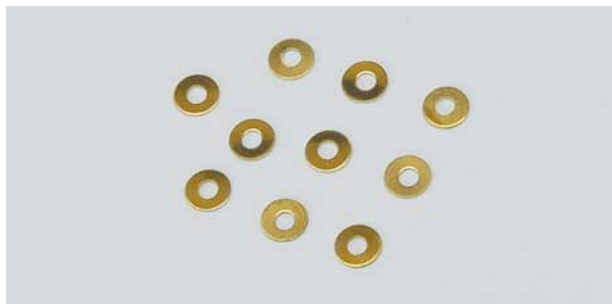
Order No.: SIGSH136



SIG BRASS THRUST WASHERS

For rubber powered models 3/64 in. I.D. x 1/8 in. O.D. Pack: 10 pcs.

Order No.: SIGSH693



SIG RUBBER POWER WHEELS

Light weight, one-piece, open-back design for use on small rubber powered models. 1-1/8 in. Diameter - 1/4 in. Thick

Order No.: SIGSH540



Control Line (C/L) Accessories

SIG HEAVYDUTY NYLON C/L BELLCRANKS

Molded from self-lubrication nylon for super strength, low friction, and long life. 1/2A Bellcrank is for sport models up to (.15) 2.5 cu. in. engine size. Includes control horn and mounting screws. 76 mm Bellcrank is for C/L sport and stunt models from (.15 to .60) 2.5 - 9.8 cu. in. engine size. Includes nylon bushing, mounting bolt, nut, and washers. 102 mm Bellcrank is for large stunt models.

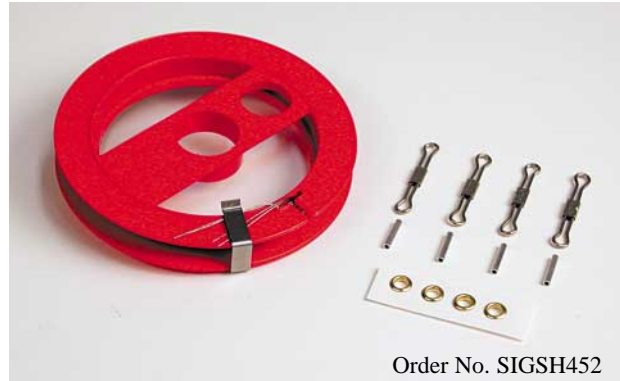


- Order No.:** SIGSH234 - 1/2A Bellcrank
Order No.: SIGSH480 - 76 mm Bellcrank
Order No.: SIGSR754 - 102 mm Bellcrank

SIG BRAIDED CONTROL LINES

High quality 7-strand braided stainless steel cable with C/L line connectors, end hardware and instructions for assembly. All SIG control lines are supplied on a handy injection-molded plastic reel. .015 in. and thicker lines include Large, C/L line connectors (not shown).

Note from SIG factory fliers: To prevent kinking control lines during use, always unroll the lines from a reel and roll them back on. Do not take the lines off hand-over-hand. See the AMA Rule Book for line size recommendations for specific size and type models.



<u>Order No.:</u>	<u>Size</u>	<u>Order No.:</u>	<u>Size</u>	<u>Order No.:</u>	<u>Size</u>
SIGSH450	.008 x 2-35 ft.	SIGSH458	.015 x 2-70 ft.	SIGSH467	.012 x 3-70 ft.
SIGSH451	.008 x 2-52 ft.	SIGSH459	.018 x 2-52 ft.	SIGSH468	.015 x 3-60 ft.
SIGSH452	.008 x 2-70 ft.	SIGSH460	.018 x 2-60 ft.	SIGSH469	.015 x 3-70 ft.
SIGSH453	.012 x 2-35 ft.	SIGSH461	.018 x 2-70 ft.	SIGSH491	.018 x 3-60 ft.
SIGSH454	.012 x 2-52 ft.	SIGSH462	.021 x 2-60 ft.	SIGSH470	.021 x 3-60 ft.
SIGSH455	.012 x 2-70 ft.	SIGSH463	.021 x 2-70 ft.	SIGSH471	.021 x 3-70 ft.
SIGSH456	.015 x 2-52 ft.	SIGSH464	.027 x 2-60 ft.	SIGSH472	.027 x 3-60 ft.
SIGSH457	.015 x 2-60 ft.	SIGSH465	.027 x 2-70 ft.		
SIGSH458	.015 x 2-70 ft.	SIGSH466	.012 x 3-60 ft.		

SIG REPLACEMENT CONTROL LINE REELS

Injection-molded plastic reel. Generally, Standard fits 2-Line Cables and Large fits 3-Line Cables.

Note from SIG factory fliers: To prevent kinking control lines during use, always unroll the lines from the reel and roll them back on. Do not take the lines off hand-over-hand. See the AMA Rule Book (USA) for line size recommendations for specific size and type models.

- Order No.:** SIGSH441 - Standard Control Line Reel
Order No.: SIGSH745 - Large Control Line Reel



SIG 1/2A DACRON FLYING LINE

For control line planes up to (.074) 1.2 cu. in. engine size.
 Pack: 18.3 m roll.



- Order No.:** SIGSH440

SIG 1/2A CONTROL LINE HANDLE

For planes up to (.074) 1.2 cu. in. engine size. Three sets of holes allow variable control sensitivity. It's simple to adjust elevator neutral using plastic clamp and self-tapping screw. Includes control handle, Dacron flying line, and line connectors.

Order No.: SIGSH544



SIG C/L LINE CONNECTORS

Pack: 4 pcs.



- Order No.: SIGSH445 - Small - (15 lb) 6.8 kg test
- Order No.: SIGSH444 - Medium - (22 lb) 10 kg test
- Order No.: SIGSH443 - Large - (50 lb) 22.7 kg test

SIG LEAD OUT WIRE

7-strand stainless steel wire. Use between the bellcrank and the exit point at the wingtip.



Order No. SIGSH446

- Order No.: SIGSH446 - 1/2A, (.021 in.) .53 mm x 1.2 m
- Order No.: SIGSH447 - Regular, (.027 in.) .69 mm x 1.8 m

SIG 1/2A CONTROL LINE WHEELS

1-7/16 in. Diameter - 3/8 in. Thick

Rugged molded plastic wheels with realistic tread design and spoked hub. Hollow - Lightweight!

Ideal for 1/2A C/L models.



Order No.: SIGSH539

SIG 1/2A CONTROL LINE FLIGHT PACK

Contains everything needed to start and fly a 1/2A C/L model airplane except for 1-1/2 volt starting battery.

- Fuel filler bulb with fuel line
- Heavy-duty glow plug clip
- Battery hookup wire & terminal
- Illustrated instructions
- Adjustable control handle
- Dacron flying line
- Line connectors
- Pint glow engine fuel



Order No.: SIGSH566

SIG GLOW PLUGS

4-Stroke Glow Plug

1-1/2 Volt, Long Thread Designed for superior performance in all 4-stroke engines. Good idle.

Order No.: SIGGP001



Order No. SIGGP001

Tuned Pipe Glow Plug

1-1/2 Volt, Long Thread Designed for best performance when using a tuned pipe engine. Cool running.

Order No.: SIGGP002

R/C Long Glow Plug w/Idle Bar

1-1/2 Volt, Long Thread Designed for sport or competition flying in standard 2-cycle model engines.

Order No.: SIGGP003

SIG GLOW PLUG HOOK-UP WIRE



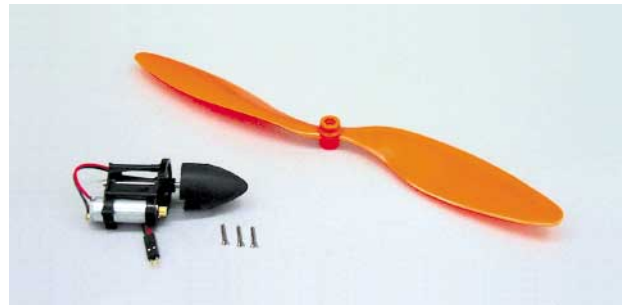
Order No.: SIGSH329

SIG INDOOR MOTOR / GEARBOX DRIVE SET

Designed for the 1909 Antoinette, 1909 Demoiselle, 1910 Deperdussin, and similar indoor R/C airplanes. Includes a micro motor, dual ball bearing gearbox, spinner, and 10 x 4.75 plastic prop.

Order No.: SIGEPU001 - Indoor Motor/Gearbox Drive Set

Order No.: SIGEP1047 - Replacement Electric Prop, 10 x 4.75 in.



SIG F3130-1400 ELECTRIC MOTOR

Replacement motor for the Kadet EP-42B ARF and the Rascal EP-49 ARF.

Order No.: SIGEPU3130



SIG 600 ELECTRIC MOTOR

This is a top quality 600 size can motor with flux ring. With a seven or eight cell battery pack, this motor would be an excellent choice for any 2-meter glider-type airplane, using an 8-4 folding prop.

Order No.: SIGSEM600



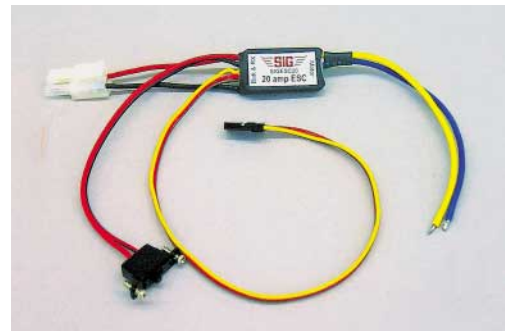
SIG ELECTRONIC SPEED CONTROL

SIG's Electronic Speed Controls puts you in command of your electric park flyer. State of the art micro-electronics feeds your signal input for precise, proportional control of the motor speed. A master switch helps prevent those unwanted starts. Included BEC removes the need for a receiver nicad pack. The 30 Amp speed control is included with the SIG Rascal EP-49 ARF and the SIG Kadet EP-42B ARF.

Weight: 12 g (.43 oz)

Order No.: SIGESC20 - 20 Amp Speed Control

Order No.: SIGESC30 - 30 Amp Speed Control



SIG PURE MAGIC MODEL AIRPLANE CLEANER

Cleaning up a greasy, dirty model airplane after a flying session is one aspect of the hobby that isn't really much fun. In fact, it can be a real pain in the elbow! After years of trying different soaps, solvents, and miracle cleaners, the SIG Factory Fliers came up with an economical "home brew" formula that really cleans off the crud. Simply spray on and wipe off! Pure Magic Model Airplane Cleaner cuts through dirt and oil for a quick clean up. It safely removes messy exhaust residue without harming painted model finishes or plastic iron-on coverings. Leaves your models clean and shiny with no streaky residue. At last, here is an effective product designed exclusively for cleaning model airplanes at the flying field that is non-hazardous, non-flammable, biodegradable, odor-free, and inexpensive! A necessity for every flight box, or as we say here in Iowa, It's "handier than a bib at a barbecue". Pure Magic is 100% guaranteed to do the job. Available in handy spray bottle and economical refill sizes.

PURE MAGIC MODEL AIRPLANE CLEANER SPRAY ON - WIPE OFF!

- Order No.: SIGAC001** - 16 oz. Spray Bottle
- Order No.: SIGAC003** - 32 oz. Refill
- Order No.: SIGAC004** - 64 oz. Refill



Order No. SIGAC001

SIG EPOXY SPREADER

This handy flexible plastic tool is just what you need when working with glass resin or epoxy glue. Lots of uses! Allows you to lay on a thin, smooth coat of glue where you want it. Great for working glue or resin into dry glass cloth until full saturation is achieved. Then use it as a squeegee to scrape off the excess glue and push the glass cloth tightly against the surface. Helps you keep weight build-up from excess glue to a minimum. Clean up the epoxy spreader with alcohol before the glue dries and one spreader will last through several projects.

Order No.: SIGSH678



SIG MINI GLUE GUN

A convenient 1/2 oz. plastic syringe for dispensing model cement, aliphatic resin glue, white glue, or epoxy glue. Allows you to precisely control the amount and placement of your adhesives for a lighter, neater building job. Also handy for injecting glue inside splits and breaks when repairing crash damage. Extremely small, pointed tip is tailor made for those hard to get at places on a model. The curved tip makes it possible to go around corners and into blind spots. This top quality mini glue gun will give you years of service if you clean it thoroughly after every use.

Order No.: SIGSH627



SIG EPOXY BRUSHES

Many times in the shop you'll have a need for a small, inexpensive brush. These 3/8 wide nylon bristle brushes are handy to have around for spreading epoxy glue, wood glue, contact cement, fiberglass resin, or any other liquid for that matter. Economical enough to throw away! Also ideal for cleaning engines, wheels, landing gear wires, and other metal parts. Impervious to any solvent. Five inch long metal handles.

- Order No.: SIGSH534** - Epoxy Brushes Pack: 6 pcs.
- Order No.: SIGRDSH534** - Epoxy Brushes Pack: 144 pcs.



SIG PRIMER BOTTLE

PA handy companion for your flight box. Ideal for putting a couple drops of fuel right where you want them. 2 oz. capacity.

Order No.: SIGPB001



SIG MIXING STICKS

For mixing and applying epoxy, stirring paint, mixing Epoxolite, and many other uses.

Pack: 12 pcs.

Order No.: SIGSH528



SIG FLIGHT LINE FUELERS

Handy for filling tanks and priming engines.

FOR GLOW FUEL ONLY NOT FOR GASOLINE

These super tough syringes are extremely handy for a multitude of tasks at the flight line. Perfect for priming engines and filling small fuel tanks. The graduated scale on the side allows accurate measurement of the exact amount of fuel needed. Markings are in both metric and standard fluid ounces. Especially good for C/L combat flying or outdoor F/F, where a precise injection of fuel into a pacifier or bladder is required. Also great for drawing the last little bit of leftover fuel from the tank after flying. These heavy-duty plastic syringes are quick and easy to use! Comes with a piece of SIG heat-proof silicone fuel tubing for quick-connecting to the tank. After you put one of these in your flight box, you'll find yourself using it over and over again.

Order No.: SIGSH722 - 1/2 oz. Fueler

Order No.: SIGSH619 - 2 oz. Fueler

Order No.: SIGSH679 - 5 oz. Fueler



SIG THIN WALL SURGICAL TUBING

MADE OF SOFT, FLEXIBLE PURE LATEX RUBBER

At one time surgical tubing was a commonly used fuel line for all model engines. While modern silicone fuel lines have largely replaced surgical tubing for most day-to-day applications, there are still some instances where surgical tubing is preferred. Its extremely thin wall makes it very flexible. Popular for use with all free-flight timers. For glow fuel only - not for gasoline.

SMALL - (1/16 in. I.D. - 1/32 in. Thick Wall)

Order No.	Length
SIGSH284	1 Ft. Package
SIGSH647	2 Ft. Package
SIGSH285	25 Ft. Roll

LARGE - (3/32 in. I.D. - 1/16 in. Thick Wall)

Order No.	Length
SIGSH286	1 Ft. Package
SIGSH648	2 Ft. Package
SIGSH287	25 Ft. Roll



Order No. SIGSH285



Order No. SIGSH647

SIG HEAT-PROOF SILICONE FUEL LINE

STILL THE FINEST AVAILABLE!

There are competing brands of silicone tubing but we think none are better than this time-proven favorite.

IT WILL NOT HARDEN IN FUEL. We have models using SIG Heat-Proof as the pick-up tubing inside the tank and the tank has been installed for many years without ever needing removal or replacement.

IT WILL NOT MELT. The tubing can touch the engine anywhere without being affected. It can rest directly against the hottest part of the head.

FOR GLOW FUEL ONLY! NOT FOR GASOLINE.

MEDIUM - (.062 I.D. - .176 O.D.) For .020 - .09 cu. in. engines

Order No.	Length
SIGSH288	1 Ft. Package
SIGSH645	2 Ft. Package
SIGSH289	25 Ft. Roll

LARGE - (.093 I.D. - .215 O.D.) For .09 - 1.2 cu. in. engines

Order No.	Length
SIGSH646	2 Ft. Package
SIGSH291	25 Ft. Roll

EXTRA LARGE - (.125 I.D. - .250 O.D.) For 1.2 cu. in. and larger engines

Order No.	Length
SIGSH616	2 Ft. Package
SIGSH661	25 Ft. Roll



Order No. SIGSH289



Order No. SIGSH647



SIG FUEL

SIG CHAMPION 2-STROKE AIRCRAFT FUELS

These are premium fuels for competition or sport flying. Designed to deliver the best performance in any .010-.90 cu.in. 2-cycle glow engine. Contains a 50/50 blend of Castor Oil and Klotz Synthetic Oil for superior lubrication and engine protection. No after-run oil is needed with this fuel! Available in 6 different nitro contents to match all your power needs.

SIG CHAMPION FAI 0% NITRO FUEL

0% Nitromethane, 20% Lubricating Oils (1/2 Castor, 1/2 Klotz)

For 2-stroke model engines. Because nitromethane is scarce outside the United States, most foreign modelers use no-nitro fuel. It's an economical alternative for any sport engine over .19 cu. in. displacement. In our flight tests with an Enya .45 powered SIG Kougar, CHAMPION FAI FUEL turned a 10-6 prop at 11,500 rpm, a drop of only 500 rpm from the same combination using 10% nitro fuel. In the air, there was little change in performance of the model.

<u>Order No.:</u>	<u>Size</u>
SIGCF028	Gallon

SIG CHAMPION 5% NITRO FUEL

5% Nitromethane, 20% Lubricating Oils (1/2 Castor, 1/2 Klotz)

For 2-stroke model engines. A good fuel for sport flyers who want to economize slightly over the cost of the more commonly used 10% nitro fuel. Delivers longer engine runs, dependable low idle, and reasonable high speed. Typically only about 200 - 300 rpm less than 10% nitro fuel.

<u>Order No.:</u>	<u>Size</u>
SIGCF013	Quart
SIGCF014	Gallon

SIG CHAMPION 10% NITRO FUEL

10% Nitromethane, 20% Lubricating Oils (1/2 Castor, 1/2 Klotz)

For 2-stroke model engines. This is the most popular fuel we have for sport, pattern, or scale flyers. A clean, cool burning blend that runs perfectly in any standard R/C or C/L engine from .19 to .90 cu. in.. Smooth, dependable idle, and excellent throttle response.

<u>Order No.:</u>	<u>Size</u>
SIGCF021	Pint
SIGCF001	Quart
SIGCF002	Gallon

SIG CHAMPION 25% NITRO FUEL

25% Nitromethane, 20% Lubricating Oils (1/2 Castor, 1/2 Klotz)

For high performance 2-stroke engines. The next step up from CHAMPION 15%, this high performance fuel provides more horsepower for specialized contest use. Also excellent for use in very small .010 to .049 glow engines, which require a hotter fuel to start and run properly.

<u>Order No.:</u>	<u>Size</u>
SIGCF015	Pint
SIGCF016	Quart
SIGCF017	Gallon



SIG Champion Fuel

SIG CHAMPION 15% NITRO FUEL

15% Nitromethane, 20% Lubricating Oils (1/2 Castor, 1/2 Klotz)

For 2-stroke model engines. A more powerful fuel for those times when you need just a little extra performance. Same terrific idle and throttle response as CHAMPION "10". Smaller engines in the .049 to .19 size range will generally start and run better on higher nitro fuels.

<u>Order No.:</u>	<u>Size</u>
SIGCF022	Pint
SIGCF011	Quart
SIGCF010	Gallon

SIG CHAMPION 35% NITRO FUEL

35% Nitromethane, 20% Lubricating Oils (1/2 Castor, 1/2 Klotz)

For 2-stroke racing engines. This powerful blend delivers maximum performance from engines up to .60 cu. in. displacement. Developed primarily for racing, it contains the maximum amount of nitromethane suitable for a castor oil based fuel. CHAMPION 35 will give you the winning edge.

<u>Order No.:</u>	<u>Size</u>
SIGCF006	Pint
SIGCF007	Quart
SIGCF008	Gallon

SIG CHAMPION “ALL CASTOR” FUELS

Since the turn of the century, castor oil has been used as a lubricant for many different types of internal-combustion engines. Whenever high-heat protection was needed in hard running aircraft, motorcycle, and marine applications, castor oil was the chosen lubricant because of its ability to withstand high temperatures without breaking down. Naturally, those are the same reasons that castor oil was the traditional lubricant for our model engines for many years. In today's world, with the availability of good quality synthetic lubricants, like Klotz oil, most modelers now use fuel with a blend of castor and synthetic oils, like our regular line of SIG CHAMPION FUEL. This provides a compromise between castor oil's unquestioned high-heat protection and the cleaner burning characteristics of synthetic oil. Nonetheless, some modelers still prefer an ALL-CASTOR OIL based fuel for some situations.

SIG CHAMPION 20% ALL CASTOR FUEL

Contains 20% total Castor Oil. Runs good in ball bearing glow engines with ABC, AAC, ABCR, and RINGED pistons. Also a good break-in fuel for any new 4-cycle glow engine. The extra castor oil helps dissipate heat, allowing the engine to run cooler during this critical time when the internal parts are seating together.

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGCF100	5% Nitromethane, 20% Castor Oil	Gallon
SIGCF101	10% Nitromethane, 20% Castor Oil	Gallon
SIGCF102	15% Nitromethane, 20% Castor Oil	Gallon

SIG CHAMPION 25% ALL CASTOR FUEL

Contains 25% total Castor Oil. Excellent for engines with a bushed main bearing and a lapped piston (like the classic Fox 35 Stunt C/L engine). The additional castor oil delivers the best performance in this type of engine. Also, a good break-in fuel for any new 2-cycle glow engine. The extra castor oil helps dissipate heat, allowing the engine to run cooler during this critical time when the internal parts are seating together.

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGCF103	5% Nitromethane, 25% Castor Oil	Gallon
SIGCF104	10% Nitromethane, 25% Castor Oil	Gallon



Order No. SIGCF101

SIG CHAMPION 4-STROKE FUEL

For 4-stroke glow engines only! A clean, cool-burning blend specially designed for peak performance in all 4-stroke model engines. You will get improved idling characteristics and throttle response compared to using regular glow fuel. Keeps your 4-strokers well lubricated and corrosion free. Not recommended for use in any 2-stroke engines! (1/2 Castor, 1/2 Klotz)

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGFS003	10% Nitromethane, 16% Lubricating Oils	Gallon
SIGFS007	15% Nitromethane, 16% Lubricating Oils	Gallon



Order No. SIGFS003

SIG CHAMPION 4-STROKE SYNTHETIC FUEL

A clean burning fuel specially designed for 4-stroke engines. Excellent throttle transition characteristics. Contains 100% pure Klotz synthetic lubricant.

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGFS710	10% Nitro, 18% Klotz Synthetic Oil	Gallon
SIGFS715	15% Nitro, 18% Klotz Synthetic Oil	Gallon



Order No. SIGFS710



SIG SYN PLUS FUEL

New all synthetic lubricant fuel for 2-Stroke model airplane engines gives you the PLUS you can't get with any other fuel! Many modelers prefer using pure synthetic lubricants in their 2-stroke model airplane engines for its clean burning attributes. Unfortunately, using pure synthetics tend to offer less high heat protection than castor oil blends and can cause premature internal wear and loss of power. SYN PLUS from SIG conquers the heat devil. Only SYN PLUS contains SG-7., a special fuel additive proven to reduce the heat normally associated with other blends of fuel. Testing confirmed a reduction in head temperatures when using SYN PLUS compared to traditional all synthetic lubricant fuels. Less heat means longer engine life and smoother runs. Beat the heat! Pick up SYN PLUS at your local Hobby Dealer.



Order No. SIGPLUS005

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGPLUS005	5% Nitro	Gallon
SIGPLUS010	10% Nitro	Gallon
SIGPLUS015	15% Nitro	Gallon

SIG CHAMPION R/C BOAT FUEL

Nobody burns more nitro than a boat racer! We've packed all the speed secrets we've learned during 30 years in the fuel business into these special boat racing formulations. This cool-burning blend allows hard running marine engines to survive repeated full-bore high nitro speed runs. ALL-SYNTHETIC LUBRICATION (24% Klotz Synthetic Oil) allows the use of large doses of nitromethane to give you a winning edge on race day.



Order No. SIGCF225

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGCF225	25% Nitromethane	Gallon
SIGCF245	45% Nitromethane	Gallon
SIGCF255	55% Nitromethane	Gallon

SIG CHAMPION R/C HELICOPTER FUEL

This fuel was developed over a two year period with the help of some of the best helicopter pilots in the world. Formulated to provide more mid-range torque while allowing the engine to run smoother. ALL-SYNTHETIC LUBRICATION keeps your engine running cool and clean. Excellent idle and transition.



Order No. SIGCF415

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGCF415	15% Nitromethane, 22% Klotz Synthetic Oil	Gallon
SIGCF430	30% Nitromethane, 24% Klotz Synthetic Oil	Gallon



SIG CHAMPION R/C CAR FUEL

R/C car engines undoubtedly run under tougher conditions of any glow engine. It's normally hot and dirty on the track and cooling can be a real problem. Top it off with the fact that competitive car engines are turning 23,000 to 30,000 rpms and it's easy to see that you need a premium quality fuel that doesn't take shortcuts. SIG R/C CAR FUEL contains everything you need to go fast and protect your investment. A 50/50 blend of Castor Oil and Klotz Synthetic Oil (20% Lubricating Oils) provides the high temperature protection that your hard working engine needs. (1/2 Castor, 1/2 Klotz)

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGCF510	10% Nitromethane	Gallon
SIGCF515	15% Nitromethane	Gallon
SIGCF525	25% Nitromethane	Gallon



Order No. SIGCF510

SIG INTIMIDATOR R/C CAR FUEL

Head for the checkered flag! This unique fuel is blended to withstand the rigors of nitro-burning flat-out racing. Intimidator contains a blend (11% blended oils) of Klotz pure synthetic lubricants (used at the Indy 500) and pure castor oil plus a special additive to help keep head temperatures down! Superior lubrication - maximum power!

<u>Order No.:</u>	<u>Description</u>	<u>Size</u>
SIGCF603	20% Nitro	Gallon
SIGCF604	30% Nitro	Gallon



Order No. SIGCF603

KLOTZ KL-200 TECHNIPLATE RACING LUBRICANT

THE WORLD'S FINEST SYNTHETIC LUBRICATING OIL FOR BLENDING GLOW FUEL
Klotz Techniplate Racing Oil is a modern synthetic lubricant designed to withstand the stress of high performance racing engines. Popular for 2-cycle motorcycles, go-karts, snowmobiles, and ATV's (all-terrain vehicles), as well as model airplane engines. Engines run clean and cool with Klotz. Helps eliminate carbon and varnish build up. Use straight or blend with castor oil.

<u>Order No.:</u>	<u>Size</u>
SIGKZ001	Pint
SIGKZ002	Quart
SIGKZ003	Gallon



BAKER'S GRADE AA CASTOR OIL

THE #1 LUBRICATING OIL FOR BLENDING GLOW FUEL

Over the years, castor oil has proven to be one of the most effective lubricants for glow model airplane engines. Castor oil lubricates and protects your engines over a wide range of operating conditions, including the extreme high temperatures that an over-lean needle valve setting can cause. Use straight or blend 50-50 with a synthetic oil like Klotz KL-200 Racing Lubricant.

NOTE: If you are using a brand of fuel that is short on oil, you can add 5 oz. of castor oil to 1 gallon of fuel to raise the fuel's total oil content approx. 3%.

<u>Order No.:</u>	<u>Size</u>
SIGCO001	Pint
SIGCO002	Quart
SIGCO003	Gallon



Order No. SIGCO001

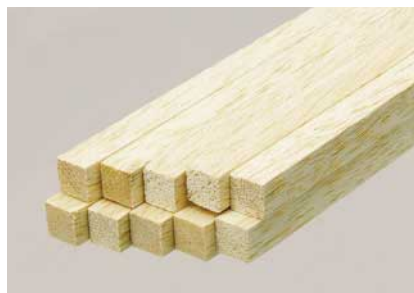




AAA BALSA WOOD

Since 1951, SIG has been providing model builders with the finest Balsa Wood available.

BALSA STICKS



STICKS - 36" Length

Order No.	Size (in.)
SIGB001	1/16 X 1/16
SIGB002	1/16 X 1/8
SIGB003	1/16 X 3/16
SIGB004	1/16 X 1/4
SIGB005	1/16 X 3/8
SIGB006	1/16 X 1/2
SIGB007	1/16 X 3/4
SIGB008	1/16 X 1
SIGB009	3/32 X 3/32
SIGB010	3/32 X 1/8
SIGB011	3/32 X 3/16
SIGB012	3/32 X 1/4
SIGB013	3/32 X 3/8
SIGB014	3/32 X 1/2
SIGB015	3/32 X 3/4
SIGB016	3/32 X 1
SIGB017	1/8 X 1/8
SIGB018	1/8 X 3/16
SIGB019	1/8 X 1/4
SIGB020	1/8 X 5/16
SIGB021	1/8 X 3/8
SIGB022	1/8 X 1/2
SIGB023	1/8 X 3/4
SIGB024	1/8 X 1
SIGB025	3/16 X 3/16
SIGB026	3/16 X 1/4
SIGB027	3/16 X 3/8
SIGB028	3/16 X 1/2
SIGB029	3/16 X 3/4
SIGB030	3/16 X 1
SIGB031	1/4 X 1/4
SIGB032	1/4 X 3/8
SIGB033	1/4 X 1/2
SIGB034	1/4 X 3/4
SIGB035	1/4 X 1
SIGB036	5/16 X 5/16
SIGB037	5/16 X 3/8
SIGB038	5/16 X 1/2

Order No.	Size (in.)
SIGB039	5/16 X 5/8
SIGB040	5/16 X 1
SIGB041	3/8 X 3/8
SIGB042	3/8 X 1/2
SIGB043	3/8 X 3/4
SIGB044	3/8 X 1
SIGB045	1/2 X 1/2
SIGB046	1/2 X 3/4
SIGB047	1/2 X 1
SIGB048	5/8 X 5/8
SIGB049	5/8 X 1
SIGB050	3/4 X 3/4
SIGB051	3/4 X 1

STICKS - 48" Length

Order No.	Size (in.)
SIGB061	1/8 X 1/8
SIGB062	1/8 X 1/4
SIGB063	1/8 X 1/2
SIGB064	3/16 X 3/16
SIGB065	3/16 X 1/2
SIGB066	3/16 X 3/4
SIGB067	1/4 X 1/4
SIGB068	1/4 X 1/2
SIGB069	1/4 X 3/4
SIGB070	5/16 X 5/16
SIGB071	3/8 X 3/8
SIGB072	3/8 X 1/2
SIGB073	3/8 X 3/4
SIGB074	1/2 X 1/2
SIGB075	1/2 X 3/4

BALSA STICKS



SHEETS - 18" Length

Order No.	Size (in.)
SIGB183	3/32 X 3
SIGB184	1/8 X 3
SIGB193	1/8 X 4

SHEETS - 36" Length

Order No.	Size (in.)
SIGB134	1/32 X 2
SIGB135	1/16 X 2
SIGB136	3/32 X 2
SIGB137	1/8 X 2
SIGB138	3/16 X 2
SIGB139	1/4 X 2
SIGB140	3/8 X 2
SIGB141	1/32 X 3
SIGB142	1/20 X 3
SIGB143	1/16 X 3
SIGB144	3/32 X 3
SIGB145	1/8 X 3
SIGB146	5/32 X 3
SIGB147	3/16 X 3
SIGB148	1/4 X 3
SIGB149	5/16 X 3
SIGB150	3/8 X 3
SIGB151	1/32 X 4
SIGB152	1/16 X 4
SIGB153	3/32 X 4
SIGB154	1/8 X 4
SIGB155	3/16 X 4
SIGB156	1/4 X 4
SIGB157	3/8 X 4
SIGB158	1/16 X 6
SIGB159	3/32 X 6
SIGB160	1/8 X 6
SIGB161	3/16 X 6
SIGB162	1/4 X 6
SIGB163	3/8 X 6

SHEETS - 48" Length

Order No.	Size (in.)
SIGB388	1/32 X 3
SIGB389	1/16 X 3
SIGB390	3/32 X 3
SIGB391	1/8 X 3
SIGB392	3/16 X 3
SIGB393	1/4 X 3
SIGB394	3/8 X 3
SIGB395	1/16 X 4
SIGB396	3/32 X 4
SIGB397	1/8 X 4
SIGB398	3/16 X 4
SIGB399	1/4 X 4
SIGB400	3/8 X 4
SIGB401	1/16 X 6
SIGB402	3/32 X 6
SIGB403	1/8 X 6
SIGB404	3/16 X 6
SIGB405	1/4 X 6
SIGB406	3/8 X 6



BALSA PLANKS



PLANKS - 36" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB206	1 X 1
SIGB207	1/2 X 2
SIGB208	3/4 X 2
SIGB209	1 X 2
SIGB210	1-1/2 X 2
SIGB211	2 X 2
SIGB212	1/2 X 3
SIGB213	3/4 X 3
SIGB214	1 X 3
SIGB215	1-1/2 X 3
SIGB216	2 X 3
SIGB217	3 X 3
SIGB218	1/2 X 4
SIGB219	3/4 X 4
SIGB220	1 X 4
SIGB221	1-1/2 X 4
SIGB222	2 X 4
SIGB223	3 X 4
SIGB224	1/2 X 6
SIGB225	3/4 X 6
SIGB226	1 X 6
SIGB227	1-1/2 X 6
SIGB228	2 X 6
SIGB229	3 X 6

BALSA BLOCKS



BLOCKS - 3" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB251	1 X 1

BLOCKS - 6" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB266	1 X 1
SIGB267	1/2 X 2
SIGB268	3/4 X 2
SIGB269	1 X 2
SIGB270	1-1/2 X 2
SIGB271	2 X 2
SIGB274	1 X 3
SIGB275	1-1/2 X 3
SIGB276	2 X 3
SIGB277	3 X 3
SIGB278	1/2 X 4
SIGB280	1 X 4
SIGB282	2 X 4

<u>Order No.</u>	<u>Size (in.)</u>
SIGB283	3 X 4
SIGB286	1 X 6
SIGB287	1-1/2 X 6
SIGB288	2 X 6
SIGB289	3 X 6

BLOCKS - 12" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB299	1 X 1
SIGB300	1/2 X 2
SIGB301	3/4 X 2
SIGB302	1 X 2
SIGB303	1-1/2 X 2
SIGB304	2 X 2
SIGB305	1/2 X 3
SIGB306	3/4 X 3
SIGB307	1 X 3
SIGB308	1-1/2 X 3
SIGB309	2 X 3
SIGB310	3 X 3
SIGB311	1/2 X 4
SIGB312	3/4 X 4
SIGB313	1 X 4
SIGB314	1-1/2 X 4
SIGB315	2 X 4
SIGB316	3 X 4
SIGB317	1/2 X 6
SIGB318	3/4 X 6
SIGB319	1 X 6
SIGB320	1-1/2 X 6
SIGB321	2 X 6
SIGB322	3 X 6

BLOCKS - 24" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB354	1 X 1
SIGB355	1 X 2
SIGB356	2 X 2
SIGB357	1/2 X 3
SIGB358	1 X 3
SIGB359	2 X 3
SIGB360	3 X 3
SIGB361	1 X 4
SIGB362	2 X 4
SIGB363	3 X 4
SIGB364	1 X 6
SIGB365	2 X 6
SIGB366	3 X 6

SELECT GRADE SHEETS



CONTEST - 36" Length Very Light 4 - 6 lb. Stock

<u>Order No.</u>	<u>Size (in.)</u>
SIGB454	1/32 X 3
SIGB455	1/16 X 3
SIGB456	3/32 X 3
SIGB457	1/8 X 3
SIGB458	3/16 X 3

<u>Order No.</u>	<u>Size (in.)</u>
SIGB459	1/4 X 3
SIGB460	3/8 X 3
SIGB461	1/16 X 4
SIGB462	3/32 X 4
SIGB463	1/8 X 4
SIGB650	3/16 X 4
SIGB645	1/4 X 4
SIGB649	3/8 X 4

C-GRAIN - 36" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB470	1/32 X 2
SIGB471	1/16 X 2
SIGB472	3/32 X 2
SIGB473	1/8 X 2
SIGB477	1/32 X 3
SIGB478	1/16 X 3
SIGB479	3/32 X 3
SIGB480	1/8 X 3
SIGB481	3/16 X 3
SIGB482	1/4 X 3
SIGB483	3/8 X 3

VERY HARD - 36" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB493	1/16 X 3
SIGB494	3/32 X 3
SIGB495	1/8 X 3
SIGB496	3/16 X 3
SIGB497	1/4 X 3
SIGB498	3/8 X 3

SPECIAL SHAPES



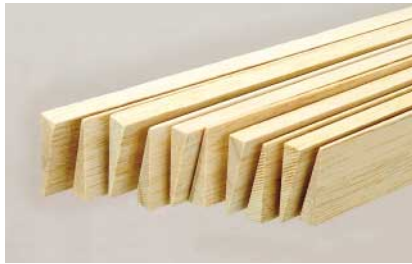
TRIANGLE - 36" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB416	1/4 X 1/4
SIGB417	3/8 X 3/8
SIGB418	1/2 X 1/2
SIGB419	3/4 X 3/4
SIGB420	1 X 1



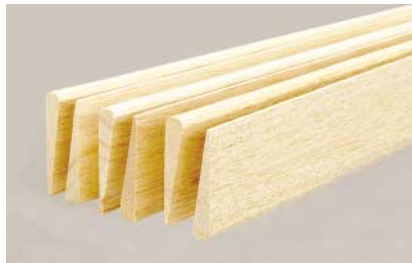
LEADING EDGE - 36" Length

<u>Order No.</u>	<u>Size (in.)</u>
SIGB085	1/2 X 3/8
SIGB086	3/4 X 5/8
SIGB087	1 X 3/4



TRAILING EDGE - 36" Length

Order No.	Size (in.)
SIGB097	1/8 X 1/2
SIGB098	3/16 X 3/4
SIGB099	1/4 X 1
SIGB100	5/16 X 1-1/4
SIGB101	3/8 X 1-1/2



**AILERON & ELEVATOR STOCK
36" Length**

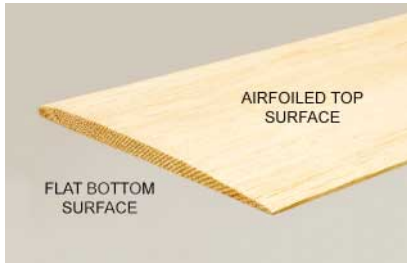
Order No.	Size (in.)
SIGB441	1/4 X 1
SIGB442	3/8 X 1
SIGB443	1/4 X 2
SIGB444	3/8 X 2



**TAPERED CUT SHEETS
36" Length**

Full width taper from 1/4" thick at one edge to 1/8" thick at the other edge.

Order No.	Size (in.)
SIGB430	1/4 X 3
SIGB431	1/4 X 4



**AIRFOIL SHAPED SHEETS
36" Length**

Order No.	Size (in.)
SIGB111	3/16 X 3
SIGB112	1/4 X 3
SIGB113	1/4 X 4

BALSA BUNDLE DEALS



BALSA WOOD ASSORTMENT

A 1-3/4" x 5" x 18" pack of miscellaneous size balsa sheets - 1/32" to 1/4" thick x 2" & 3" wide x 18" long. Plus a stick assortment. All top grade wood. Great value!

Order No.: SIGB600



BAG OF BALSA

A large bag of assorted sheets, blocks, & sticks. Cutoffs and second grade. All useful pieces for the right hobby project. Bag dimensions: 3" x 6" x 12"

Order No.: SIGB524



3" SHEET BUNDLE

An assortment of 3" wide x 36" long balsa sheets, varying thickness. Second grade - some sheets will have slight imperfections. Bundle measures 3" x 3" x 36".

Order No.: SIGB700

4" SHEET BUNDLE

An assortment of 4" wide x 36" long balsa sheets, varying thickness. Second grade - some sheets will have slight imperfections. Bundle measures 3" x 4" x 36".

Order No.: SIGB702

STICKS & MORE

A handy assortment of 36" long balsa sticks. Lots of useful sizes of random thickness & width. Second grade - some sticks will be bowed. Bundle measures approximately 2-1/2" dia. x 36" long.

Order No.: SIGB643



ODDS & ENDS

A 2" x 3" x 18" pack of assorted size balsa sheets & sticks. A low cost source of small parts for the modelers. Perfect for crafts or any hobbyist who is looking for value. Second grade - some pieces will have small imperfections.

Order No.: SIGB534

SPECIAL SELECTION OF SIG BALSA

Special selection of balsa sheets for weight or grain type is available on a limited basis, depending on our supply at the time of your order.

Special selection of balsa sheets for WEIGHT is available in SOFT, MEDIUM, or HARD categories. The softer wood will be lighter in weight; the harder wood will be heavier. Standard categories of balsa weight in the hobby industry is as follows:

SOFT = 6 to 9 lbs. per cu. ft. MEDIUM = 9 to 12 lbs. per cu. ft. HARD = 12 to 16 lbs. per cu. ft.

Balsa sheets can also be specially selected for A-GRAIN or C-GRAIN. Description of balsa grain types is a few pages further back of this catalog. Standard SIG balsa sheets (not special selection) are random A, B, and C grain (mostly B-GRAIN, the most common type).

Special selection for weight or grain type is very time consuming and requires an additional fee:

Fee for Grain Selection: \$0.25 per sheet
Fee for Weight Selection: \$0.35 per sheet





SIG PLYWOOD



SIG Aircraft Grade Plywood is the finest quality plywood available for model building. Imported from Finland and Italy, the plywood is actually produced in metric thicknesses (millimeters), which have been converted to the nearest inch dimensions for our use. Due to the nature of thin plywood sheets, it is impossible for us to guarantee that every sheet will be perfectly flat and straight. In most cases, plywood parts cut from these sheets can easily be straightened as they are glued into the model structure.

SIG PLYWOOD



1/32" THICK 3-PLY BIRCH

Order No.	Size (in.)
SIGPW001	6 X 12
SIGPW002	12 X 12
SIGPW003	12 X 24
SIGPW004	12 X 48

1/16" THICK 3-PLY BIRCH

Order No.	Size (in.)
SIGPW005	6 X 12
SIGPW006	12 X 12
SIGPW007	12 X 24
SIGPW008	12 X 48

3/32" THICK 3-PLY BIRCH

Order No.	Size (in.)
SIGPW009	6 X 12
SIGPW010	12 X 12
SIGPW011	12 X 24
SIGPW012	12 X 48

1/8" THICK 5-PLY BIRCH

Order No.	Size (in.)
SIGPW013	6 X 12
SIGPW014	12 X 12
SIGPW015	12 X 24
SIGPW016	12 X 48

5/32" THICK 3-PLY BIRCH

Order No.	Size (in.)
SIGPW050	6 X 12
SIGPW051	12 X 12
SIGPW052	12 X 24
SIGPW053	12 X 48

3/16" THICK 4-PLY BIRCH

Order No.	Size (in.)
SIGPW017	6 X 12
SIGPW018	12 X 12
SIGPW019	12 X 24
SIGPW020	12 X 48

1/4" THICK 5-PLY BIRCH

Order No.	Size (in.)
SIGPW021	6 X 12
SIGPW022	12 X 12
SIGPW023	12 X 24
SIGPW024	12 X 48

1/64" THICK 3-PLY WINGSKINS

Remarkable product consisting of 3 paper thin birch veneers laminated together with waterproof glue. Popular for sheeting foam core wings on airplanes where strength and toughness are more important than a very slight weight gain when compared to 1/6" thick balsa wing sheeting. Also useful on many R/C boats.

Order No. Size (in.)

SIGPW035	12 X 12
SIGPW036	12 X 24
SIGPW037	12 X 48
SIGPW038	24 X 48

SIG "LITE-PLY"® PLYWOOD



Light weight Italian Poplar plywood for use where greater strength is desired over balsa, but regular birch plywood is too heavy. About half the weight of our regular birch plywood. Excellent for fuselage sides, formers, wing ribs, cabin floors, servo compartments, etc.

1/8" THICK LITE-PLY®

Order No.	Size (in.)
SIGPW064	12 X 12
SIGPW065	12 X 24
SIGPW066	12 X 36
SIGPW067	12 X 48

1/4" THICK LITE-PLY®

Order No.	Size (in.)
SIGPW068	12 X 12
SIGPW069	12 X 24
SIGPW070	12 X 36
SIGPW071	12 X 48



SIG HARDWOOD DOWELS



SIG HARDWOOD BIRCH DOWELS



Selected White Birch Dowels. Many uses for building model airplanes, boats, architectural, landscaping, and other hobbycraft projects. Strong, straight, and smooth.

12" Length

Order No.	Size (in.)
SIGBD008	7/16 dia.
SIGBD010	5/8 dia.
SIGBD011	3/4 dia.

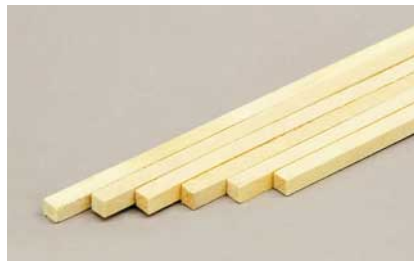
36" Length

Order No.	Size (in.)
SIGPW005	6 X 12
SIGBD026	1/8 dia.
SIGBD028	3/16 dia.
SIGBD029	1/4 dia.
SIGBD030	5/16 dia.
SIGBD031	3/8 dia.
SIGBD032	7/16 dia.
SIGBD033	1/2 dia.
SIGBD034	5/8 dia.
SIGBD035	3/4 dia.



Basswood is a native North American hardwood with fine grain and very consistent density. Easy to cut and easy to sand, basswood is ideal for many hobby and craft projects. SIG cuts only the highest quality clear basswood from the forests of the northern United States and Canada. Basswood's straight grain makes it ideal for wing spars, longerons, and numerous other model airplane parts, where additional strength is needed. Also the wood of choice for wood carvers. Good acoustic properties also make basswood popular for electric guitar bodies. Basswood can be stained or painted using any common type of wood finish.

SIG BASSWOOD STICKS



STICKS - 24" Length

Order No.	Size (in.)
SIGB001	1/16 X 1/16
SIGBA002	1/32 X 1/8
SIGBA003	1/32 X 3/16
SIGBA001	1/32 X 1/4
SIGBA004	1/16 X 1/16
SIGBA005	1/16 X 3/32
SIGBA006	1/16 X 1/8
SIGBA007	1/16 X 3/16
SIGBA008	1/16 X 1/4
SIGBA009	1/16 X 1/2
SIGBA111	1/16 X 1
SIGBA010	3/32 X 3/32
SIGBA011	3/32 X 1/4
SIGBA112	3/32 X 1
SIGBA012	1/8 X 1/8
SIGBA013	1/8 X 3/16
SIGBA014	1/8 X 1/4
SIGBA015	1/8 X 1/2
SIGBA113	1/8 X 1
SIGBA016	5/32 X 5/32
SIGBA017	3/16 X 3/16
SIGBA018	3/16 X 3/8
SIGBA019	3/16 X 1/2
SIGBA361	3/16 X 3/4
SIGBA114	3/16 X 1
SIGBA020	1/4 X 1/4
SIGBA021	1/4 X 3/8
SIGBA022	1/4 X 1/2
SIGBA115	1/4 X 1
SIGBA023	5/16 X 5/16
SIGBA024	3/8 X 3/8
SIGBA025	1/2 X 1/2

STICKS - 36" Length

Order No.	Size (in.)
SIGBA301	1/16 X 1/8
SIGBA302	1/16 X 3/16
SIGBA303	1/16 X 1/4
SIGBA304	3/32 X 3/32
SIGBA305	3/32 X 1/8
SIGBA306	3/32 X 3/16
SIGBA307	3/32 X 1/4
SIGBA308	1/8 X 1/8

Order No.	Size (in.)
SIGBA309	1/8 X 3/16
SIGBA310	1/8 X 1/4
SIGBA322	1/8 X 5/16
SIGBA311	1/8 X 3/8
SIGBA312	1/8 X 1/2
SIGBA313	1/8 X 3/4
SIGBA314	3/16 X 3/16
SIGBA315	3/16 X 1/4
SIGBA316	3/16 X 3/8
SIGBA317	3/16 X 1/2
SIGBA318	1/4 X 1/4
SIGBA319	1/4 X 3/8
SIGBA320	1/4 X 1/2
SIGBA321	3/8 X 3/8

STICKS - 48" Length

Order No.	Size (in.)
SIGBA331	3/32 X 3/32
SIGBA332	3/32 X 1/8
SIGBA333	3/32 X 3/16
SIGBA334	3/32 X 1/4
SIGBA335	1/8 X 1/8
SIGBA336	1/8 X 3/16
SIGBA337	1/8 X 1/4
SIGBA338	1/8 X 3/8
SIGBA339	1/8 X 1/2
SIGBA340	1/8 X 3/4
SIGBA341	3/16 X 3/16
SIGBA342	3/16 X 1/4
SIGBA343	3/16 X 3/8
SIGBA344	3/16 X 1/2
SIGBA345	1/4 X 1/4
SIGBA346	1/4 X 3/8
SIGBA347	1/4 X 1/2
SIGBA348	3/8 X 3/8

SIG BASSWOOD SHEETS



SHEETS - 24" Length

Order No.	Size (in.)
SIGBA131	1/32 X 3
SIGBA132	1/16 X 3
SIGBA133	3/32 X 3
SIGBA134	1/8 X 3
SIGBA135	3/16 X 3
SIGBA136	1/4 X 3

Order No.	Size (in.)
SIGBA137	3/8 X 3
SIGBA138	1/2 X 3
SIGBA141	1/32 X 4
SIGBA142	1/16 X 4
SIGBA143	3/32 X 4
SIGBA144	1/8 X 4
SIGBA145	3/16 X 4
SIGBA146	1/4 X 4

STICK ASSORTMENT

A handy assortment of 24" long basswood sticks. Lots of useful sizes of random thickness & width. Second grade, some sticks may have blemishes. Bundle measures approximately 1-1/2" X 2" X 24".

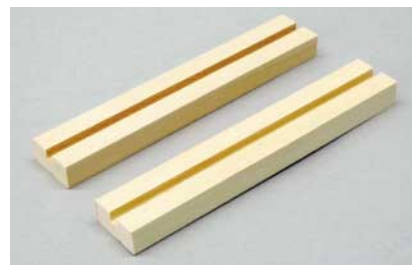
Order No.: SIGBA226



BAG OF BLOCKS

A large bag of assorted size basswood blocks. All useful pieces for the right hobby project. Cutoffs and second grade. Bag dimensions: 3" X 6" X 12"

Order No.: SIGBA250



GROOVED LANDING GEAR MOUNTS

Order No.: SIGSH655 (2 per pkg.)
5/16" X 5/8" X 6" with 1/8" sq. groove

Order No.: SIGSH125 (2 per pkg.)
3/8" X 3/4" X 6" with 5/32" sq. groove

Order No.: SIGSH656 (2 per pkg.)
1/2" X 1" X 6" with 3/16" sq. groove



MISC. WOOD PARTS



MAPLE MOTOR MOUNTS

**Cut From Rock Hard Maple
Strongest Wood For Its Weight
Resists Splitting
Low Oil Absorption**

ROCK HARD MAPLE has been the wood of choice for beam style motor mounts in model airplanes for decades. No other wood can match it. These are the most economical mounts you can buy.

Maple mounts add incredible strength to a model when they are extended back behind the firewall into the fuselage. SIG MAPLE MOTOR MOUNTS are cut from dense, rock hard maple - one of the strongest woods for its weight available.

12" Length

Order No.	Size (in.)
SIGMM001	3/8 X 3/8
SIGMM002	3/8 X 1/2
SIGMM003	3/8 X 3/4

24" Length

Order No.	Size (in.)
SIGMM004	1/2 X 5/8



THREADED HARDWOOD BLOCKS

Cut from rock hard maple, these 3/8" x 3/4" x 1" blocks are designed to be glued permanently into your fuselage to provide hard points for mounting a removable wing or landing gear. Drilled and tapped for the most common wing bolt sizes.

2 blocks per package

Order No.	Description
SIGSH218	1/4-20 thread
SIGSH219	8-32 thread
SIGSH592	10-32 thread



SIG PLASTIC



NOTES FROM THE SIG FACTORY FLIERS ABOUT HEAT FORMING CLEAR PLASTIC OR AEROPLASTIC SHEETS

The molds for forming should be carved from balsa or other wood and finished with several coats of fiberglass resin, sanded smooth. Parts requiring a large sheet need a holding frame for the plastic that can be put in an oven. Use about 300 degrees heat setting until the plastic sheet sags in the frame. Quickly remove and stretch over the mold. Smaller parts can be made with strips of plastic, equipped with handles at each end. Heat the strip over an electric stove element or bathroom heater until pliable, stretch down over the mold. It helps to have the mold mounted on a post smaller than the bottom of the pattern so that the plastic can be pulled around the bottom edge as it is being stretched.

SIG AEROPLASTIC

FOR MAKING WING SKINS, SCALE DETAILS, ETC.

A tough, flexible ABS plastic sheet. The .010 aeroplastic applied with SIG Core Bond or Kwik-Bond, makes a durable foam wing skin that will withstand high impacts. Thicker sizes are good for making instrument panels, landing gear parts, and other scale detailing. May be heat molded and vacuum formed for cowlings or wheel pants. Aeroplastic is quickly bonded to itself with acetone, butyrate dope thinner, or MEK. Use a small amount of SIG-MENT to glue Aeroplastic to balsa wood. Can be painted with SIG Supercoat Dope, epoxy paint, or enamel.



Order No.	Size (in.)
SIGAP001	.010 X 8-1/2 X 17
SIGAP002	.010 X 17 X 17
SIGAP003	.010 X 25 X 50
SIGAP004	.040 X 8-1/2 X 17
SIGAP005	.040 X 17 X 17
SIGAP006	.070 X 8-1/2 X 17
SIGAP007	.070 X 17 X 17
SIGAP008	.090 X 8-1/2 X 17
SIGAP009	.090 X 17 X 17

SIG CLEAR PLASTIC SHEETS

USE FLAT SHEETS FOR CABIN WINDSHIELDS AND WINDOWS. SHEETS MAY BE MOLDED WITH HEAT TO FORM CANOPIES.

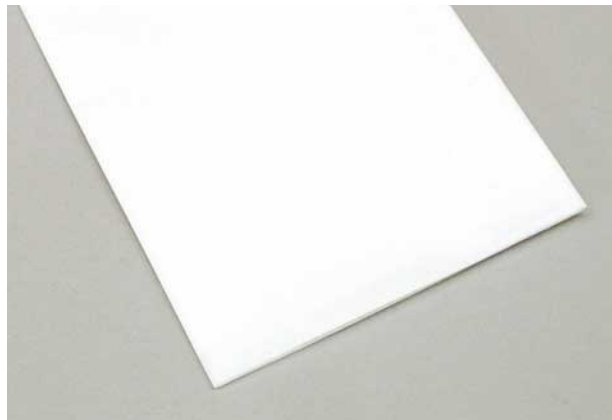


Order No.	Size (in.)
SIGCP317	.030 X 17 X 17
SIGCP385	.030 X 8-1/2 X 17
SIGCP417	.040 X 17 X 17
SIGCP485	.040 X 8-1/2 X 17
SIGCP517	.015 X 17 X 17
SIGCP585	.015 X 8-1/2 X 17
SIGCP817	.008 X 17 X 17
SIGCP885	.008 X 8-1/2 X 17



SIG LIGHT WEIGHT SILK - One Square Yard

The traditional covering for free flight, control line or R/C. Colored silk when painted with clear butyrate dope provides a classic look that no other covering method can match. Manufactured in Japan. Package contains 1 square yard. Weight: 1/3rd Ounce (9.2 g) per yard



<u>Order No.:</u>	<u>Color</u>
SIGLS001	White

SIG HEAVY DUTY SILK - One Square Yard

For large free flight, control line or R/C models, or any other application requiring extra strength. The finest silk possible. Manufactured in Japan. Package contains 1 square yard. Weight: 1/2 oz (13.6) grams per yard



- It shrinks while drying, pulling out wrinkles, and shaping itself to the surface.
- Easy to handle - cuts well. Works over compound curves and irregular surfaces.
- Fills rapidly - will fill airtight with only three coats of clear dope.
- Permits a smooth, beautiful finish.
- Strong - the strongest silk produced. Will last the lifetime of your model

<u>Order No.:</u>	<u>Color</u>	<u>Order No.:</u>	<u>Color</u>
SIGHS001	White	SIGHS005	Light Yellow
SIGHS002	Royal Blue	SIGHS006	Dark Yellow
SIGHS003	Red	SIGHS007	Rose Pink
SIGHS004	Orange	SIGHS008	Silver

SIG JAPANESE TISSUE

Esaki Plyspan Made in Japan.
The lightest tissue available for model airplanes.

Lite-Flite

Weight: 4 grams per sheet. 18 X 24 in. sheets

<u>Order No.:</u>	<u>Color</u>	<u>Order No.:</u>	<u>Color</u>
SIGPL001	Yellow	SIGPL004	Red
SIGPL002	Blue	SIGPL005	White
SIGPL003	Orange	SIGPL006	Green

Medium-Flite

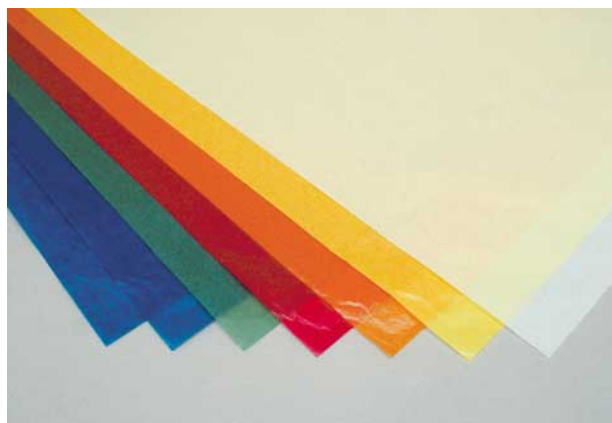
Weight: 8 grams per sheet. 24 X 31-1/2 in. sheets

<u>Order No.:</u>	<u>Color</u>
SIGPM001	White

Super-Flite

Weight: 13 grams per sheet. 24 X 35-1/2 in. sheets

<u>Order No.:</u>	<u>Color</u>	<u>Order No.:</u>	<u>Color</u>
SIGPS001	White	SIGPS004	Red
SIGPS002	Orange	SIGPS005	Yellow



SIG KOVERALL

**A LIGHT WEIGHT POLYESTER BASED
FABRIC THAT SHRINKS TIGHT WITH HEAT**

HIGH STRENGTH - EASY TO APPLY

**ACCEPTS ALL COMMON MODEL PAINTS
LIKE DOPE, ENAMEL, OR EPOXY**

WEIGHS 1.6 OZ. (43 g) PER SQ. YD.

Koverall is a cloth covering of the type used on full-scale aircraft, but in a lighter weight (1.6 oz. per sq. yd.) for models. Koverall can be used on almost all R/C models large or small. Its superior strength and low price has made Koverall a real favorite with builders of giant size models. It's the most economical cloth covering you can buy!

SIG Koverall is an uncoated, heat shrinkable plain fabric. It has no glue on it. To adhere Koverall to a model, you can either dope it on ala the traditional silk-and-dope method, or better yet, use SIG Stix-It heat activated covering adhesive. Just brush a coat of Stix-It on the model framework, let it dry, then iron-on the Koverall just like you would a much more expensive iron-on fabric covering. Once the Koverall is stuck down around the edges, it can be shrunk perfectly tight with an iron or heat gun. Seal the Koverall with 1 - 2 coats of SIG Nitrate Clear Dope and then apply the finish of your choice.

Order No.:	Size
SIGKV001	60 in. X 36 in.
SIGKV002	60 in. X 72 in.
SIGKV003	60 in. X 5 yd.

SIG SUPER STRIPE COLOR TRIM TAPE

Super Stripe trim tape is as thin as a coat of paint and goes around tight curves better than anything you have ever seen. It lays down flat and smooth and the adhesive is completely fuel proof. In tests with raw fuel, the tape simply would not budge, lift, or separate. SIG Super Stripe stayed tightly attached to the model surface and no amount of fuel could even dull the shine! Keeps looking just as good as it did the day it was applied. 36 ft. rolls.

- FUEL PROOF
- 8 BRILLIANT COLORS
- 5 POPULAR WIDTHS
- ADHERES TO PLASTIC OR PAINTED SURFACES

Diameter in.	1/16 in.	3/32 in.	1/8 in.	3/16 in.	1/4 in.
Color	Order No.	Order No.	Order No.	Order No.	Order No.
Silver	SIGSCS601	SIGSCS621	SIGSCS641	SIGSCS661	SIGSCS681
Black	SIGSCS602	SIGSCS622	SIGSCS642	SIGSCS662	SIGSCS682
White	SIGSCS603	SIGSCS623	SIGSCS643	SIGSCS663	SIGSCS683
Yellow	SIGSCS604	SIGSCS624	SIGSCS644	SIGSCS664	SIGSCS684
Orange	SIGSCS605	SIGSCS625	SIGSCS645	SIGSCS665	SIGSCS685
Red	SIGSCS606	SIGSCS626	SIGSCS646	SIGSCS666	SIGSCS686
Med. Blue	SIGSCS607	SIGSCS627	SIGSCS647	SIGSCS667	SIGSCS687
Dark Blue	SIGSCS608	SIGSCS628	SIGSCS648	SIGSCS668	SIGSCS688

SIG RHINO-HIDE

SIG Rhino-Hide is a wing sheeting material for foam wing cores. It is made from wood fibers compressed under high pressure. When properly applied it will lay flat without waves or irregularities. Compression strength is comparable to plywood. Rhino-Hide can be sanded to a super smooth finish and painted with Supercoat Dope, epoxy paint, or urethane. Not for use with water based glues.

Order No.: SIGRH001

THE BEST MODELS USE THE BEST COVERING



Bob Wischer chose Koverall for this beautiful Aeronca K. The startling realistic appearance helped to capture first place honors in Giant Scale at the 1984 Reno Nats. Bob says: "It's tough material. A dent from impact can be removed, even after doping, with a bit of heat from a sealing iron set on low temperature. With silk, the dent would have been a hole, and a patch."



Dick Graham was an early user of Koverall and used it on his 1980 National Champion Piper Pawnee. Dick says: "Koverall produced excellent results on my 1/4-scale Pawnee. It is easy to apply, shrinks as required for uniform tightness, and the close weave takes dope without leaking through onto the inside."



SIG SUPERCOAT DOPE

Cellulose acetate butyrate dope is a paint that was developed many years ago for use on full-scale airplanes. It is a lightweight, fast drying, lacquer-related formulation. Ever since its first introduction, butyrate dope has been a favorite with model airplane builders due to its many unique properties.

Butyrate dope is excellent for finishing any type of wooden model airplane, especially when used in conjunction with an uncoated cloth or paper covering like SIG Koverall, Silk, Silkspan, or Plyspan Tissue. It has the ability to shrink these coverings drum tight and provide a fuel proof finish. Butyrate dope is very flexible, making it the very best paint to use on a model that has open areas in its structure where the covering is unsupported. It will not crack or split from vibration or flexing.

SIG Supercoat Dope is available in brilliant high-gloss colors and clear. The Supercoat clear dope is a high-shrink formulation, intended for initial wood surface preparation and for the coating of covering materials that must be sealed and shrunk prior to applying color dope. The Supercoat color dopes are mixed in a special low-shrink base to help minimize warping. All SIG Supercoat dopes can be brushed or sprayed on with good results.



<u>Order No.</u>	<u>Color</u>	<u>Size</u>	<u>Order No.</u>	<u>Color</u>	<u>Size</u>
SIGSD026	Clear	4 Ounce	SIGSD033	Medium Blue	4 Ounce
SIGSD065	Clear	8 Ounce	SIGSD071	Medium Blue	8 Ounce
SIGSD105	Clear	Pint	SIGSD111	Medium Blue	Pint
SIGSD145	Clear	Quart	SIGSD010	Miami Blue	4 Ounce
SIGSD161	Clear	Gallon	SIGSD050	Miami Blue	8 Ounce
SIGSD012	Black	4 Ounce	SIGSD090	Miami Blue	Pint
SIGSD052	Black	8 Ounce	SIGSD003	Cub Yellow	4 Ounce
SIGSD092	Black	Pint	SIGSD043	Cub Yellow	8 Ounce
SIGSD017	White	4 Ounce	SIGSD083	Cub Yellow	Pint
SIGSD057	White	8 Ounce	SIGSD002	Lemon Yellow	4 Ounce
SIGSD097	White	Pint	SIGSD042	Lemon Yellow	8 Ounce
SIGSD018	Silver	4 Ounce	SIGSD082	Lemon Yellow	Pint
SIGSD058	Silver	8 Ounce	SIGSD013	Orange	4 Ounce
SIGSD098	Silver	Pint	SIGSD053	Orange	8 Ounce
SIGSD001	Polar Gray	4 Ounce	SIGSD093	Orange	Pint
SIGSD041	Polar Gray	8 Ounce	SIGSD004	Tennessee Red	4 Ounce
SIGSD081	Polar Gray	Pint	SIGSD044	Tennessee Red	8 Ounce
SIGSD019	Diana Cream	4 Ounce	SIGSD084	Tennessee Red	Pint
SIGSD059	Diana Cream	8 Ounce	SIGSD005	Light Red	4 Ounce
SIGSD099	Diana Cream	Pint	SIGSD045	Light Red	8 Ounce
SIGSD011	Dark Blue	4 Ounce	SIGSD085	Light Red	Pint
SIGSD051	Dark Blue	8 Ounce	SIGSD029	Fokker Red	4 Ounce
SIGSD091	Dark Blue	Pint	SIGSD069	Fokker Red	8 Ounce
SIGSD009	Light Blue	4 Ounce	SIGSD109	Fokker Red	Pint
SIGSD049	Light Blue	8 Ounce			
SIGSD089	Light Blue	Pint			

SIGSD000 Supercoat Color Chart

SIG DOPE THINNER

Recommended for thinning SIG Supercoat Butyrate Dope, Lite-Coat Butyrate Dope, Flat-Coat Butyrate Dope, Sanding Sealer, and Nitrate Dope prior to application. Mix one part Dope Thinner to two parts paint for best results when brushing. Mix one part Dope Thinner to one part paint for best results when spraying. Also handy for cleaning dope from tools, brushes, and spray guns.

<u>Order No.:</u>	<u>Size</u>
SIGSD025	4 Ounce
SIGSD066	8 Ounce
SIGSD106	Pint
SIGSD146	Quart
SIGSD162	Gallon



SIG PAINT BRUSHES

<u>Order No.:</u>	<u>Description</u>
SIGSH103100	SIG Red Sable Detail Brush #20/0
SIGSH103101	SIG Red Sable Detail Brush # 10/0
SIGSH103102	SIG Red Sable Detail Brush # 5/0
SIGSH103103	SIG Red Sable Detail Brush # 3/0
SIGSH103104	SIG Red Sable Detail Brush # 0
SIGSH103105	SIG Red Sable Detail Brush # 1
SIGSH103106	SIG Camel Hair Flat Brush 1/8
SIGSH103107	SIG Camel Hair Flat Brush 1/4
SIGSH103108	SIG Camel Hair Flat Brush 1/2
SIGSH103109	SIG Camel Hair Flat Brush 3/4
SIGSH103110	SIG Camel Hair Flat Brush 1



Order No. SIGSH103102



Order No. SIGSH103110

SIG STIX-IT COVERING ADHESIVE

Stix-It is the perfect companion for any model airplane covering material. It has a super strong heat-activated adhesive built right in that keeps your covering material stuck down tight.

Stix-It works great for adhering SIG Koverall, silk, silkspan, tissue, or any other uncoated covering material to a model. Its high solid content and adhesion qualities make it a breeze to cover models with these economical coverings. Stix-It eliminates the messy part of the traditional process. No more need to dope through the covering and rub it down with your fingers. Simply brush a coat of Stix-It on the wood, let it dry, then iron on your covering material.

Stix-It also works great as a surface preparation and wood sealer for any of the pre-finished iron-on coverings, either plastic film or fabric type. The superior adhesion of Stix-It helps eliminate the troublesome pull-ups and lifting seams common with those coverings. It also reduces fuel seepage under the seams of the covering.

<u>Order No.</u>	<u>Size</u>
SIGSX001	8 Ounce
SIGSX002	Pint



Order No. SIGSX002

SIG LITE-COAT - Low Shrink Clear Butyrate Dope PREVENTS WARPING - LIGHT WEIGHT - HIGH GLOSS

Because of the high shrinkage of regular Supercoat clear butyrate dope, it can sometimes warp a thin or lightly built balsa model. To help eliminate this problem, Lite-Coat low-shrink clear butyrate dope was developed as a substitute in some applications. Lite-Coat has the exact same handling characteristics and high gloss of Supercoat clear, but with a lot less shrinkage. In fact, they are completely compatible and intermixable.

We recommend that you consider substituting Lite-Coat clear in place of Supercoat clear as much as possible to help avoid warps. For example, if your model is fully sheeted and doesn't have any open structure, you can use Lite-Coat entirely from beginning to end, wherever an application of clear dope is called for. However, if your model does have open areas in the structure where the covering is unsupported, we recommend that you use 2 coats of traditional Supercoat clear first to help shrink the covering tight, and then switch to Lite-Coat clear for the rest of the job.

<u>Order No.</u>	<u>Size</u>
SIGLC001	4 Ounce Jar
SIGLC003	8 Ounce Can
SIGLC004	Pint Can
SIGLC005	Quart Can
SIGLC006	Gallon Can



Order No. SIGLC004



SIG FLAT-COAT - Non-Glossy Clear Butyrate Dope

FUEL PROOF - LIGHT WEIGHT - LOW SHRINK

Flat-Coat is a non-glossy version of Lite-Coat low-shrink dope. It's recommended as a final topcoat on models that need a realistically dull, military type finish. Simply paint your model as usual with standard high-gloss Supercoat color dope, then spray Flat-Coat over all the color areas that should be non-glossy. Ideal for painting WWII models, anti-glare panels, wheel wells, scale pilots, instrument panels, scale props, etc. Our tests show that Flat-Coat produces a more realistic dull finish at less cost than buying separate flat colors. Flat-Coat is completely compatible with all other SIG butyrate dope products.

<u>Order No.</u>	<u>Size</u>
SIGFC001	4 Ounce
SIGFC002	Pint

SIG SANDING SEALER

Butyrate Dope Based Primer

Creates an ultra-smooth base for a prize winning butyrate dope finish. Quickly fills wood grain and covering materials.

Sanding Sealer is our Lite-Coat low-shrink butyrate dope with special lightweight, easy-to-sand fillers added that make it the perfect surface primer for a dope finish. Two coats of Sanding Sealer, put on after your initial two coats of clear dope, then sanded thoroughly when dry, will provide an ultra-smooth base for the color dope. Sanding Sealer is completely compatible with all other SIG butyrate dope products.

<u>Order No.</u>	<u>Size</u>
SIGSL001	4 Ounce
SIGSL003	8 Ounce
SIGSL004	Pint

SIG DOPE RETARDER

When Butyrate Dope is used in a high humidity environment, it will sometimes "blush" (meaning it will dry with a dull, milky finish). The best way to prevent blushing is to slow down the rate of drying by using Dope Retarder as a partial substitute for the regular dope thinner. Use only as much retarder as is needed, to prevent blushing, typically 25% to 100% of the normal thinner requirement. Dope Retarder should be used only in the last one or two coats of the finishing process.

<u>Order No.</u>	<u>Size</u>
SIGDR001	4 Ounce
SIGDR003	8 Ounce
SIGDR004	Pint
SIGDR005	Quart



Order No. SIGFC002



Order No. SIGSL004



Order No. SIGDR004



SIG NITRATE DOPE - Clear

NOTE: Nitrate Dope is not fuel proof by itself. On gas or glow powered models, it should be used for initial surface preparation and covering attachment only, and then top coated with a fuel proof paint such as epoxy, enamel, or butyrate dope. **CAUTION:** Butyrate dope can be put over Nitrate dope, but Nitrate dope cannot be applied over butyrate. SIG Nitrate Dope can be thinned with SIG Dope Thinner or Retarder.

Nitrate clear dope is primarily intended to prepare model surfaces for a painted finish. Nitrate acts as a sealer for bare wood and uncoated covering materials, and its application establishes a well bonded base for most commonly used model paints. Fast drying. High gloss. Often preferred over butyrate dope in many modeling applications because of its unique chemical characteristics.

CHECK THESE ADVANTAGES:

- Better adhesion to most structures and coverings than butyrate dope
- Controlled shrinkage - Nitrate dope shrinks only a moderate amount compared to butyrate
- Helps eliminate warps and dope "blisters" at sharp 90 deg corners
- Higher solid content than butyrate dope for faster filling
- Compatible with most model paints - Nitrate dope is often used to seal the bare model surfaces and provides a good base for finishing with butyrate dope, enamel, or epoxy paints
- Ideal for use alone on light free-flight rubber models where fuel proofing is not necessary

<u>Order No.</u>	<u>Size</u>
SIGND001	Pint
SIGND002	Quart



Order No. SIGND001

SIG MICRO BALLOONS

Makes a strong, lightweight putty when mixed with SIG-Ment, SIG Polyester Resin, or SIG Epoxy Glue.

SIG Micro-Balloons are expanded glass beads, microscopic in size. They are so small, they have the appearance of powdered sugar and are extremely light. They make a strong lightweight putty when mixed with SIG-Ment, SIG Polyester Glass Resin, or SIG Epoxy Glue. Instructions for mixing are on the container. Pint container with a net weight of 2 ounces.

<u>Order No.</u>	<u>Size</u>
SIGMB001	Pint



Order No. SIGMB001

SIG MIXING CUPS

These are clear plastic cups suitable for all epoxies, polyesters, or whatever you would like to use them for. You can accurately measure any amount from 1/4 to 1 full ounce. For convenience, the cups are marked in fluid ounces, drams, milliliters, and tablespoons. So any measurement you are comfortable with, you can use.

Order No.: SIGSH738



SIG AIRCRAFT PINKED TAPE

2 in. x 36 in. roll

Order No.: SIGSH226



SIG FIBERGLASS CLOTH

Fiberglass cloth has found many valuable uses in the model field. It is excellent for reinforcing critical strength areas of a model airplane such as the firewall attachment, wing center section, and landing gear installation. Model boat builders also like it for covering the bottom of a wooden boat hull for extra strength and puncture resistance. SIG Polyester Glass Resin or slow-drying Epoxy Glue should be used to saturate the glass cloth and adhere it to the model structure.

Glass cloth and resin can also be used to mold entire model parts, such as a whole airplane fuselage. Cowlings, wheel pants, and any other model parts that have a lot of compound curves are also especially suited to fiberglass construction. Fiberglass parts such as these will have an outstanding strength-to-weight ratio and excellent dimensional stability.

Lastly, many modelers like to use the ultra-light weight glass cloth as a covering material for their entire model, especially when an epoxy or enamel paint is going to be used. Its super strong and goes around compound corners with ease. Like the name implies, glass cloth is made of actual glass! First, very fine filaments of pure glass are spun into yarn. This yarn is then woven into varying weights of cloth. Glass is one of the strongest textile fibers, having greater tensile strength than steel wire of the same diameter. SIG has glass cloth available in four different weights to suit all possible modeling applications. Chemically treated to enhance glue/resin adhesion. This is the finest grade glass cloth available, manufactured by the largest fiberglass producer in the U.S.

1 YARD PACKAGES

<u>Order No.</u>	<u>Weight</u>
SIGGF007	Ultra-Light Weight (.56 oz.)
SIGGF003	Light Weight (.75 oz.)
SIGGF001	Regular Weight (1.5 oz.)
SIGGF002	Heavy Weight (6 oz.)

2 YARD PACKAGES

<u>Order No.</u>	<u>Weight</u>
SIGGF008	Ultra-Light Weight (.56 oz.)
SIGGF004	Light Weight (.75 oz.)
SIGGF005	Regular Weight (1.5 oz.)
SIGGF006	Heavy Weight (6 oz.)



Order No. SIGGF001

SIG GLASS CLOTH TAPE

If you've ever tried to cut narrow strips from a large sheet of glass cloth and had it completely unravel in your hands, then you'll appreciate this glass cloth tape. This is the same high-grade fiberglass material as our regular SIG Glass Cloth; only this glass cloth tape has a finished edge on each side to eliminate those unraveling problems. Much easier to use! Ideal for reinforcing a wing center section, firewall installation, or any other areas that require additional strength. Use either SIG Epoxy Glue or Glass Resin to apply. Chemically treated to enhance glue/resin adhesion. Available in two handy widths. Both sizes of glass cloth tape are .003 thick and weigh 1.5 oz. per sq. yd. - just like our regular weight Glass Cloth.

<u>Order No.</u>	<u>Size</u>
SIGSH572	1 in. x 9 ft. Roll
SIGSH573	2 in. x 9 ft. Roll



Order No. SIGSH572

SIG POLYESTER RESIN GLASS KIT

A COMPLETE KIT FOR MAKING FIBERGLASS PARTS

If you have never done any fiberglass work, you'll find this convenient starters package will answer a lot of questions. Included in the glass kit is everything you will need to learn the basics of reinforcing models with fiberglass and making small fiberglass parts.

The Kit Contains:

pint can of fiberglass resin, mixing sticks, 1/2 oz. bottle of resin hardener, mixing cups, 38 in. x 36 in. regular weight glass cloth, 1 oz. can of release agent, directions for use.



Order No.: SIGGK001



SIG POLYESTER GLASS RESIN

This is a general purpose polyester resin for applying fiberglass cloth or for sealing balsa wood. Glass resin is a perfect match with SIG Glass Cloth for molding your own cowlings, wheel pants, fuselage shells, boat hulls, and many other items. Glass resin must be chemically activated with hardener in order to cure. It absolutely will not cure unless hardener is added! Because the amount of hardener required can vary slightly depending on the curing time desired, we feel it is a better value for you to buy the resin and hardener separately. SIG Resin Hardener is also listed below and must be purchased separately.

NOTE: Glass Resin has a limited shelf life of 2 to 3 years, and should be used promptly. Please do not order more than you can use within that time. Store in a cool place, excessive heat will shorten shelf life.

<u>Order No.</u>	<u>Size</u>
SIGGR002	Pint
SIGGR004	Quart



Order No. SIGGR002

SIG GLASS RESIN HARDENER

The catalyst for SIG Polyester Glass Resin and Finishing Resin. These resins will not cure unless resin hardener is added! Follow mixing directions on resin can. Get the 1/2 oz. bottle of hardener for the 8 oz. or pint sizes of resin. Use the 1 oz. bottle of hardener for quart sizes or if you are getting both types of resin.



Order No. SIGGC001

<u>Order No.</u>	<u>Size</u>
SIGGC001	1/2 Ounce
SIGGC002	1 Ounce

SIG WAX RELEASE AGENT

For use in making fiberglass parts and other types of mold making work. When applied to an original pattern, release agent prevents the finished product from sticking to the pattern. Professional quality. 1 oz. can.



Order No.: SIGGR003

SIG POLYESTER FINISHING RESIN

FOR A SUPER SMOOTH FINISH

A brush-on surfacing resin for sealing balsa and creating a glass-smooth durable base for epoxy or enamel paint. It has a thinner viscosity than regular SIG Glass Resin for maximum penetration into the wood. Simply brush finishing resin onto the bare balsa. Before the resin cures, squeegee off any excess resin with a plastic epoxy spreader or ordinary stiff playing card. Wipe off any runs or drips with a paper towel. Finishing resin also works great for fuel proofing engine compartments. Because of its thin viscosity, finishing resin is not recommended for molding fiberglass parts - use SIG Polyester Glass Resin instead. Finishing resin must be chemically activated with hardener in order to cure. It absolutely will not dry unless hardener is added! Because the amount of hardener required can vary slightly depending on the curing time desired, we feel it is a better value to buy the resin and hardener separately.

SIG Resin Hardener must be purchased separately.

NOTE: Finishing Resin has a limited shelf life of 2 to 3 years, and should be used promptly. Please do not order more than you can use within that time. Store in a cool place, excessive heat will shorten shelf life.

<u>Order No.</u>	<u>Size</u>
SIGFR001	Pint
SIGFR002	Quart



Order No. SIGFR001



SIG FINISHING RESIN KIT

Finishing Resin is a brush-on polyester surfacing resin designed exclusively for sealing balsa wood and creating a super smooth durable base for epoxy or enamel paint. This convenient kit includes enough resin to do an average .40 - .60 size airplane. Easy to use.

The Kit Contains:

1 pint can of finishing resin, mixing sticks, 1/2 oz. bottle of resin hardener, mixing cups, six sheets of 3M pre-cut finishing paper, directions for use

Order No.: SIGFR003



SIG MINI AIR FORCE DECAL

9 in. x 12 in. Sheet of 2 each 1/3-scale, 1/4-scale, and 1/5-scale SIG mini air force emblems. Authentic for scale models of Hazel, Glen, and Maxey's Pitts Specials and Glen's Smith Miniplane.

Order No.: SIGDCM806

SIG LOGO DECAL SHEET

6-1/2 in. x 4 in. sheet with assorted sizes of SIG emblems.

Order No.: SIGDCM900



SIG WING DECALS

Single decal featuring the SIG wing logo. Measures 2-1/2 in. x 1 in. and comes 24 to a package.

Order No.: SIGDW001

SIG U.S. ARMY AIR CORPS STARS DECALS

Three sizes of Army Stars. White star on blue circle with red dot center. Two stars per sheet.

Order No.	Size
SIGDCM401	2-1/4 in. Army Stars
SIGDCM402	4-1/2 in. Army Stars
SIGDCM403	6-1/2 in. Army Stars



SIG U.S. STARS AND BARS DECAL

White star and bars on blue background with red strip on bars. One sheet with four 4 in.

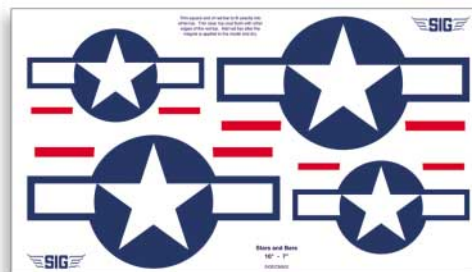
Order No.: SIGDCM501



SIG U.S. STARS AND BARS DECAL

White Stars and Bars on blue background with alternative red bar for either WWII or post WWII markings. One sheet with two 7 in. and two 10 in. decals.

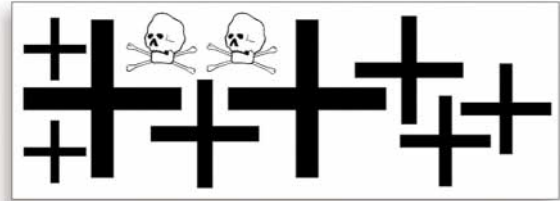
Order No.: SIGDCM502



SIG GERMAN CROSSES DECAL

Black fuel-proof crosses with a white outline. Each sheet consists of two 5 in., two 3-1/2 in., two 2-3/4 in., and two 2 in. crosses.

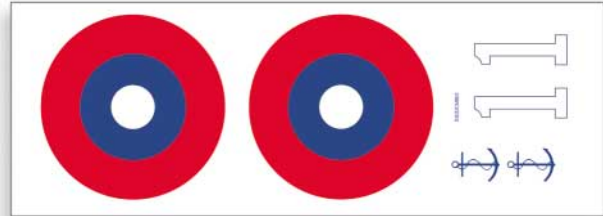
Order No.: SIGDCM801



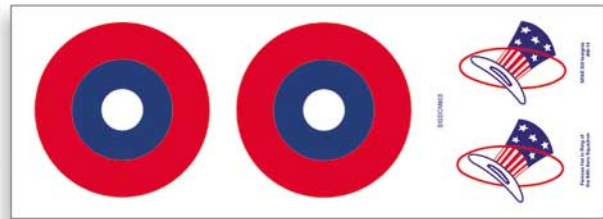
SIG ROUNDELS DECALS

Red, White, and Blue Roundels as used by the U.S. Aero Squadrons in France in WWI.

Order No. Size
 SIGDCM802 5 in. Roundels



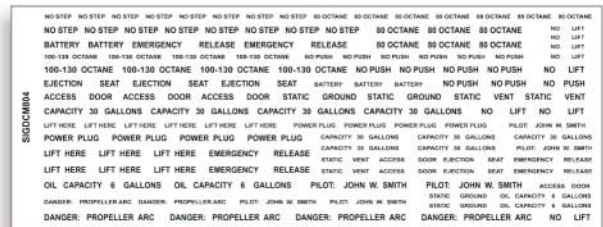
Order No. Size
 SIGDCM803 4 in. Roundels
 plus two Hat in Ring insignia



SIG AIRCRAFT LETTERING DECAL

A large 4-1/4 in. x 11 in. sheet of typical black lettering appearing on both military and civilian aircraft. Each in several sizes suitable for 3/4 in. to 2 in. scale.

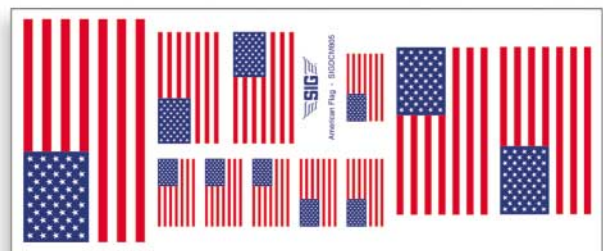
Order No.: SIGDCM804



SIG AMERICAN FLAGS DECAL

Every modeler will be proud to display these beautiful, fuel-proof American Flags on his model. Great on full scale airplanes, cars or boats. Each 4 in. x 11 in. sheet has one 4 in., two 3 in., two 2 in., and six 1 in. flags.

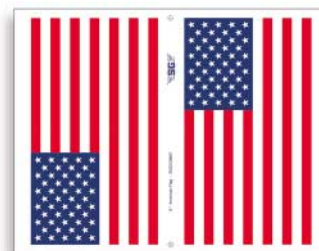
Order No.: SIGDCM805



SIG AMERICAN FLAGS DECAL

4-1/2 in. x 8 in. sheet. 1 right, 1 left - per sheet.

Order No.: SIGDCM807

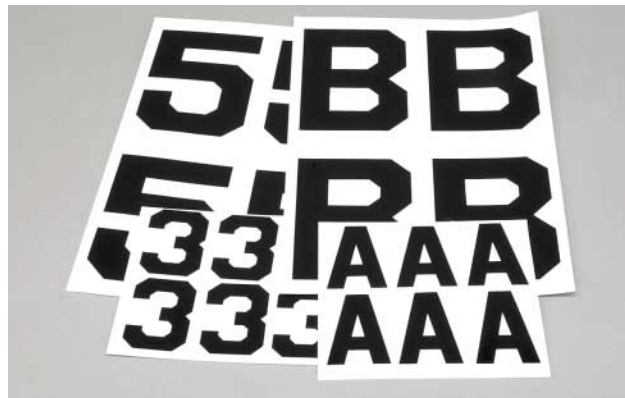


SIG INDIVIDUAL LETTER AND NUMBER DECALS

SELF-ADHESIVE - STICKY BACK - SCALE TYPE

Individual stick-on letters and numbers great for aircraft registration numbers, putting your name on your field box, and many other labeling needs.

Available in 1, 2, 3, or 4 inch high in either black or white.



Type	White 1 in. Order No.	White 2 in. Order No.	White 3 in. Order No.	White 4 in. Order No.	Black 1 in. Order No.	Black 2 in. Order No.	Black 3 in. Order No.	Black 4 in. Order No.
Letter A	SIGDLA301	SIGDLA302	SIGDLA303	SIGDLA304	SIGDLA101	SIGDLA102	SIGDLA103	SIGDLA104
Letter B	SIGDLB301	SIGDLB302	SIGDLB303	SIGDLB304	SIGDLB101	SIGDLB102	SIGDLB103	SIGDLB104
Letter C	SIGDLC301	SIGDLC302	SIGDLC303	SIGDLC304	SIGDLC101	SIGDLC102	SIGDLC103	SIGDLC104
Letter D	SIGDLD301	SIGDLD302	SIGDLD303	SIGDLD304	SIGDLD101	SIGDLD102	SIGDLD103	SIGDLD104
Letter E	SIGDLE301	SIGDLE302	SIGDLE303	SIGDLE304	SIGDLE101	SIGDLE102	SIGDLE103	SIGDLE104
Letter F	SIGDLF301	SIGDLF302	SIGDLF303	SIGDLF304	SIGDLF101	SIGDLF102	SIGDLF103	SIGDLF104
Letter G	SIGDLG301	SIGDLG302	SIGDLG303	SIGDLG304	SIGDLG101	SIGDLG102	SIGDLG103	SIGDLG104
Letter H	SIGDLH301	SIGDLH302	SIGDLH303	SIGDLH304	SIGDLH101	SIGDLH102	SIGDLH103	SIGDLH104
Letter I	SIGDLI301	SIGDLI302	SIGDLI303	SIGDLI304	SIGDLI101	SIGDLI102	SIGDLI103	SIGDLI104
Letter J	SIGDLJ301	SIGDLJ302	SIGDLJ303	SIGDLJ304	SIGDLJ101	SIGDLJ102	SIGDLJ103	SIGDLJ104
Letter K	SIGDLK301	SIGDLK302	SIGDLK303	SIGDLK304	SIGDLK101	SIGDLK102	SIGDLK103	SIGDLK104
Letter L	SIGDLL301	SIGDLL302	SIGDLL303	SIGDLL304	SIGDLL101	SIGDLL102	SIGDLL103	SIGDLL104
Letter M	SIGDLM301	SIGDLM302	SIGDLM303	SIGDLM304	SIGDLM101	SIGDLM102	SIGDLM103	SIGDLM104
Letter N	SIGDLN301	SIGDLN302	SIGDLN303	SIGDLN304	SIGDLN101	SIGDLN102	SIGDLN103	SIGDLN104
Letter O	SIGDLO301	SIGDLO302	SIGDLO303	SIGDLO304	SIGDLO101	SIGDLO102	SIGDLO103	SIGDLO104
Letter P	SIGDLP301	SIGDLP302	SIGDLP303	SIGDLP304	SIGDLP101	SIGDLP102	SIGDLP103	SIGDLP104
Letter Q	SIGDLQ301	SIGDLQ302	SIGDLQ303	SIGDLQ304	SIGDLQ101	SIGDLQ102	SIGDLQ103	SIGDLQ104
Letter R	SIGDLR301	SIGDLR302	SIGDLR303	SIGDLR304	SIGDLR101	SIGDLR102	SIGDLR103	SIGDLR104
Letter S	SIGDLS301	SIGDLS302	SIGDLS303	SIGDLS304	SIGDLS101	SIGDLS102	SIGDLS103	SIGDLS104
Letter T	SIGDLT301	SIGDLT302	SIGDLT303	SIGDLT304	SIGDLT101	SIGDLT102	SIGDLT103	SIGDLT104
Letter U	SIGDLU301	SIGDLU302	SIGDLU303	SIGDLU304	SIGDLU101	SIGDLU102	SIGDLU103	SIGDLU104
Letter V	SIGDLV301	SIGDLV302	SIGDLV303	SIGDLV304	SIGDLV101	SIGDLV102	SIGDLV103	SIGDLV104
Letter W	SIGDLW301	SIGDLW302	SIGDLW303	SIGDLW304	SIGDLW101	SIGDLW102	SIGDLW103	SIGDLW104
Letter X	SIGDLX301	SIGDLX302	SIGDLX303	SIGDLX304	SIGDLX101	SIGDLX102	SIGDLX103	SIGDLX104
Letter Y	SIGDLY301	SIGDLY302	SIGDLY303	SIGDLY304	SIGDLY101	SIGDLY102	SIGDLY103	SIGDLY104
Letter Z	SIGDLZ301	SIGDLZ302	SIGDLZ303	SIGDLZ304	SIGDLZ101	SIGDLZ102	SIGDLZ103	SIGDLZ104
No. 0	SIGDN301	SIGDN302	SIGDN303	SIGDN304	SIGDN101	SIGDN102	SIGDN103	SIGDN104
No. 1	SIGDN311	SIGDN312	SIGDN313	SIGDN314	SIGDN111	SIGDN112	SIGDN113	SIGDN114
No. 2	SIGDN321	SIGDN322	SIGDN323	SIGDN324	SIGDN121	SIGDN122	SIGDN123	SIGDN124
No. 3	SIGDN331	SIGDN332	SIGDN333	SIGDN334	SIGDN131	SIGDN132	SIGDN133	SIGDN134
No. 4	SIGDN341	SIGDN342	SIGDN343	SIGDN344	SIGDN141	SIGDN142	SIGDN143	SIGDN144
No. 5	SIGDN351	SIGDN352	SIGDN353	SIGDN354	SIGDN151	SIGDN152	SIGDN153	SIGDN154
No. 6	SIGDN361	SIGDN362	SIGDN363	SIGDN364	SIGDN161	SIGDN162	SIGDN163	SIGDN164
No. 7	SIGDN371	SIGDN372	SIGDN373	SIGDN374	SIGDN171	SIGDN172	SIGDN173	SIGDN174
No. 8	SIGDN381	SIGDN382	SIGDN383	SIGDN384	SIGDN181	SIGDN182	SIGDN183	SIGDN184
No. 9	SIGDN391	SIGDN392	SIGDN393	SIGDN394	SIGDN191	SIGDN192	SIGDN193	SIGDN194

SIG CA ADHESIVES

2 YEAR SHELF LIFE - GUARANTEED!

SIG CA glue is a high-purity cyanoacrylate (pronounced "sigh-ano-ack'-relate") adhesive specially formulated to meet the tough demands of building and flying model airplanes. SIG CA is available in different viscosities. Each viscosity has different application and cure characteristics.

SIG CA THIN is thin as water and cures very fast, normally in 1-3 seconds. Thin CA is used to glue together parts that fit tightly together with no gaps, and that do not require repositioning after the glue is applied. Typically, the two parts are mated first, and then Thin CA is flowed along the joint. Capillary action wicks the Thin CA deep into the joint, resulting in a very strong bond. Thin CA sets very rapidly; so do not expect to move parts at all after the glue is applied. Thin CA is ideal for tack gluing assemblies together quickly on the building board (later the joints should be re-glued with Medium CA). Also good for repairs where you have a lot of cracks or torn wood fibers to be glued together. The Thin CA wicks into every nook and cranny of the break and ties the fibers together almost like new. Thin CA is the only glue that should be used with SIG Easy Hinges.

SIG CA MEDIUM is medium viscosity and normally cures in about 5-15 seconds. Medium CA is the general purpose favorite, excellent for almost any step during construction. Many people use it for the majority of their construction. Can be used on less than perfect joints, filling in the minor gaps between the parts. Medium CA can be flowed into an already assembled joint (ala Thin CA), or it can be used more like a traditional glue by applying it to one part before it's mated to the other part. Also good for re-gluing joints that have been tack glued with Thin CA.

SIG CA THICK has a thick, syrupy viscosity and a slow setting time, normally curing in 30-90 seconds. Typically, Thick CA is applied to one part before mating to the other part. Longer cure time allows you a few seconds to position the part before the Thick CA "goes off". Cure can be quickened with the use of "accelerator" once the part is positioned. The thick consistency reduces the tendency to run and fills gaps between parts. Ideal for gluing large parts like wing sheeting and fuselage doublers. Can also be used to build up strong fillets around joints requiring extra strength.

SIG CA GEL is ideal for use on vertical surfaces that are hard to reach such as mounting rails deep inside a fuselage. Apply CA Gel to the part (the thick consistency of the CA Gel keeps it from running off), and install the part where needed.

<u>Order No.</u>	<u>Type</u>	<u>Size</u>
SIGCA001	Thin	1/2 oz.
SIGCA002	Thin	1 oz.
SIGCA003	Thin	2 oz.
SIGCA010	Medium	1/2 oz.
SIGCA011	Medium	1 oz.
SIGCA012	Medium	2 oz.
SIGCA019	Thick	1/2 oz.
SIGCA020	Thick	1 oz.
SIGCA021	Thick	2 oz.
SIGCA090	Gel	20 gram



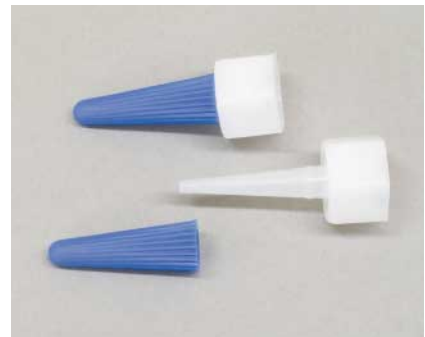
SIG ODORLESS CA - Some people may experience allergic reactions when exposed to fumes from cyanoacrylate glue. And although every model workshop should have proper ventilation, sometimes, CA fumes get carried to other parts of the house where others might object to it's distinctive odor. For these folks, SIG also offers Odorless CA. Same glue strength - same cure times, but in a formulation is often better tolerated by those with CA allergies and without the odor.

NOTE: Unlike regular CA, Odorless CA can also be used on foam parts. Perfect for Park Flyers and other foam models. (There are many types of foam with different chemical characteristics so please test Odorless CA on a piece of scrap before attempting to glue your foam model).

<u>Order No.</u>	<u>Type</u>	<u>Size</u>
SIGCA060	Thin	1/2 oz.
SIGCA061	Thin	1 oz.
SIGCA062	Thin	2 oz.
SIGCA070	Medium	1/2 oz.
SIGCA071	Medium	1 oz.
SIGCA072	Medium	2 oz.

SIG REPLACEMENT CA BOTTLE TOPS

Pack: 2 pcs.



Order No.: SIGCA050



SIG CA APPLICATOR TIPS

Available 6 per package
or as an assortment of 10.

Order No.	Description
SIGSH10220	Fine Tip Applicator
SIGSH10110	Short Tip Applicator
SIGSH10112	Long Tip Applicator
SIGSH10000	Assortment Of 10 Applicators



Order No. SIGSH10220

SIG KWIK-SHOT CA ACCELERATOR

While CA glues are faster drying than any other type of modeling glue, there are still times when we wish we could make it dry "on command". That's where CA accelerator comes in! It's a special liquid that comes in a small spray bottle that makes any type of CA glue set instantly on contact! CA accelerator is sprayed onto the joint after the glue is applied and after the part is in final position. The accelerator chemically reacts with the glue causing it to set immediately. Use sparingly! Too much can cause CA glue to react too rapidly resulting in a weaker joint.

Order No.	Size
SIGCA030	2 Oz. w/Sprayer
SIGCA031	8 Oz. Refill



Order No. SIGCA030



Order No. SIGCA031

SIG CA DEBONDER

A special chemical that softens and loosens dried CA glue so you can unstick things you didn't mean to glue together - like your fingers! Apply Debonder to the area and wait for the glue to soften. Don't rush it! It may take 20 to 30 seconds of soaking to get your fingers back apart. For a thick buildup of glue, you may need several applications of Debonder to remove it all.

Order No.	Size
SIGCA040	1 Oz.
SIGCA041	8 Oz. Refill



Order No. SIGCA040



Order No. SIGCA041

SIG SIG-BOND

ALIPHATIC RESIN MODEL AIRPLANE GLUE

RECOMMENDED USES:

- General framework assembly
- Balsa to balsa joints
- Hardwood to balsa joints
- Hardwood to hardwood joints
- External planking seams

SIG-BOND is an aliphatic resin model airplane glue that makes model building easy! It's the traditional general purpose wood glue that model builders have loved for years because it is so safe and easy to use. Non-toxic. Cleans up with water. This glue is super strong and will permanently bond all types of wood. The joint will undoubtedly be stronger than the wood itself! Recommended for the assembly of all the wood parts of a model structure. Air dries in 20-30 minutes and sands very well. Completely dope and lacquer proof.

Order No.	Size
SIGSB001	2 Oz.
SIGSB002	4 Oz.
SIGSB003	8 Oz.
SIGSB004	Pint



SIG SUPER WELD

A Traditional White Water-Based Wood Glue

STRONG - DRIES CLEAR

RECOMMENDED USES:

- Balsa framework assembly
- Hardwood to balsa
- Hardwood to hardwood

<u>Order No.</u>	<u>Size</u>
SIGSW001	4 Oz.
SIGSW002	8 Oz.



Order No. SIGSW002

SIG KWIK-SET - 5 MINUTE EPOXY GLUE

Pot life (working time) is approximately 4 minutes
Set time is 5 to 7 minutes in a thin film.

<u>Order No.</u>	<u>Size</u>
SIGKS004	4 Oz. Set (2 Oz. Each Part A & B)
SIGKS009	9 Oz. Set (4-1/2 Oz. Each Part A & B)



Order No. SIGKS004

RECOMMENDED USES FOR EPOXY GLUES:

- Epoxy glues are completely fuel proof, making them an excellent choice for coating the engine compartment and other areas of your models that need extra fuel resistance.
- Epoxy glues incredible strength makes it the best choice for gluing wing spars, firewalls, landing gear blocks, and other areas needing extra strength.
- Bonds balsa to balsa, hardwood to hardwood, hardwood to balsa, metal parts to balsa or hardwood.

Epoxy glues should be used any place that extra strength is needed, such as firewalls, engine bearers, landing gear mounts, and the interior of the engine compartment. Kwik-Set epoxy is also very valuable for field repairs, as it gives an extremely strong bond in just 5 minutes. It should be in every modeler's field box.

SIG EPOXY GLUE

Pot life (working time) is approximately 1-1/2 hours
Set time is 24 hours in a thin film.

<u>Order No.</u>	<u>Size</u>
SIGEG004	4 Oz. Set (2 Oz. Each Part A & B)
SIGEG009	9 Oz. Set (4-1/2 Oz. Each Part A & B)



Order No. SIGEG004

SIG SIG-MENT

SIG-MENT is a clear traditional solvent-based model cement that is fast drying and fuel proof. An old-time favorite for all-around model construction. Especially recommended for lightweight F/F models. Great for gluing ABS and some other plastics to balsa wood. Sands easily!

<u>Order No.</u>	<u>Size</u>
SIGSM002	4 Oz. Tube



SIG MUSIC WIRE

Can a modeler survive without MUSIC WIRE? They probably could, but it wouldn't be easy! Practically every airplane ever built has MUSIC WIRE in it somewhere - so do most cars, boats, and helicopters. What makes MUSIC WIRE so special is its superior strength, uniform quality, and amazing ability to absorb loads and still spring back into shape afterwards. It is also available in a wide range of sizes. Ideal for making landing gears, pushrods, torque rods, wing struts, tail skids, and countless other model parts.

Pack: Tube All pieces are 36 in. long.



<u>Order No.:</u>	<u>Diameter</u>
SIGMW001	1/32 in. (.031 in./0.8 mm)
SIGMW002	3/64 in. (.047 in./1.2 mm)
SIGMW004	5/64 in. (.078 in./2.0 mm)
SIGMW008	3/16 in. (.188 in./4.8 mm)
SIGMW011	.020 in. (0.5 mm)
SIGMW012	.025 in. (0.6 mm)
SIGMW013	7/32 in. (.219/5.6 mm)
SIGMW014	1/4 in. (.250 in./6.4 mm)

SIG FLEXIBLE CABLE PUSHRODS

A flexible cable pushrod is the first choice of most experienced modelers for their throttle and steerable nose gear controls. Consisting of a heavy-duty steel cable running inside a nylon tube, these pushrods are flexible enough to go around fuel tanks or battery packs.

INCLUDES ALL HARDWARE

<u>Order No.</u>	<u>Description</u>
SIGSH559	1 Complete Pushrod - 20 in. (508 mm)
SIGSH560	1 Complete Pushrod - 36 in. (914 mm)



Order No. SIGSH559

SIG NYLON PUSHRODS

Telescoping nylon tubing pushrods have been popular for many years, especially for installations where you don't have a straight shot from the servo to the control surface. These semi-flexible pushrods can be bent around small obstacles.

INCLUDES ALL HARDWARE

<u>Order No.</u>	<u>Description</u>
SIGSH568	1 Complete Pushrod - 30 in. (762 mm)
SIGSH569	1 Complete Pushrod - 48 in. (1219 mm)



Order No. SIGSH568

SIG AEROSHAFT PUSHRODS

When it comes to pushrods to drive the elevator and rudder, ideally you are looking for a material that will provide maximum rigidity at minimum weight. You can't expect precise maneuvers from an aircraft whose pushrods are sagging or bending under the air loads on the control surfaces. With these tough SIG AERO-SHAFT PUSHRODS you'll never have to worry about that problem again! Made of a high-tech carbon/fiberglass composite, these pushrods are far stronger and stiffer than balsa sticks, hardwood dowels, or aluminum tubes. Yet, they are amazingly lightweight! Although they can be used on most any size model from .30-powered on up, SIG AERO-SHAFT PUSHRODS are part-scale and giant-scale models.

Complete with:

- 32 in. Aero-Shaft Tube
- Threaded Rod
- Solder Link
- R/C Link
- Dowel Plugs



Order No.: SIGSH654



SIG HEAVY DUTY NYLON PUSHROD

These flexible tubing pushrods are ideal for larger sport models weighing 6 to 15 pounds (2700 - 6800g). The simple tube-in-a-tube design functions smoothly, is lightweight, and can be installed easily during construction.

Outer Tube: (black) .270 in. o.d. (6.9 mm)

Inner Tube: (yellow) .200 in. o.d. (5.1 mm)

Order No.	Description
SIGSH743	2 Complete Pushrods - 48 in. (1219 mm)



SIG INCH ROD COUPLER

Pack: 4 pcs.

Order No.	Description
SIGSH127	1/16 in. I.D., for 2-56 Rods (1.6mm I.D., for 2-56 Rods)
SIGSH551	7/64 in. I.D., for 4-40 Rods (2.8 mm I.D., for 4-40 Rods)



Order No. SIGSH551

SIG CONTROL HORNS

- For standard size models using .049 - .90 size engines
- Made of top quality nylon
- Complete with retainer plate and screws

1 Right and 1 Left per package. 2 Right and 2 Left per package.

Order No.	Size	Order No.	Size
SIGSH220	SHORT	SIGSH547	SHORT
SIGSH221	MEDIUM	SIGSH549	MEDIUM
SIGSH222	LONG	SIGSH550	LONG



Order No. SIGSH221

SIG HEAVY DUTY NYLON CONTROL HORNS

- DESIGNED FOR GIANT SIZE MODELS
- MOLDED OF TOP QUALITY NYLON
- THICKER THAN STANDARD HORNS
- BIGGER BASE
- SUPER STRONG

1 Right and 1 Left per package.

Order No.: SIGSH694

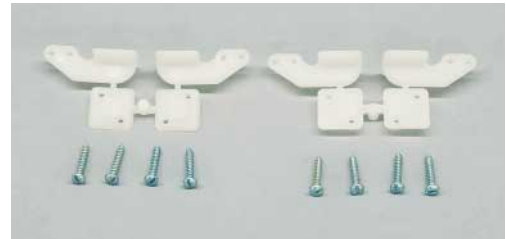


SIG AILERON INTERCONNECT HORN

- Designed for linking the top and bottom ailerons of an R/C biplane.
- Injection molded of top quality nylon
- Complete with retainer plate and screws

2 Pairs

Order No.: SIGSH755



SIG AILERON CONNECTORS

These self-threading aileron connectors are molded out of super tough nylon. Two sizes to fit 2-56 and 4-40 threads. Package of 4.

Order No.	Description
SIGSH658	4-40 Aileron Connector For Horn Set
SIGSH659	2-56 Aileron Connector For SH628



Order No. SIGSH658



SIG MINI-STRIP AILERON HORN SET

FOR 1/2A - .15 SIZE MODELS

Includes 2 formed steel wire torque rods with brass bearings, and 2 self-threading 2-56 size nylon aileron connectors.

Order No.: SIGSH628

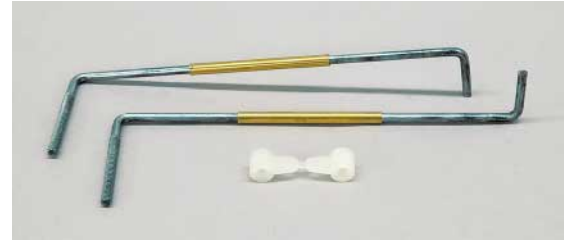


SIG STRIP AILERON HORN SET

FOR .15 - .60 SIZE MODELS

Includes 2 formed steel wire torque rods with brass bearings, and 2 self-threading 4-40 size nylon aileron connectors.

Order No.: SIGSH594



SIG HEAVY DUTY RUDDER CONTROL HORN

Designed for cable control systems on giant scale models. Precision molded of top quality super strong nylon. Ideal for attaching tailwheel steering springs to rudder.

Order No.: SIGSH716



SIG HEAVY DUTY CONTROL LINE AND R/C CONTROL HORNS

Steel control horns with nylon arms. For flaps or elevators.

Order No.	Description
SIGSH554	SIG Heavy Duty C/L Horn 4 in. Center Horn



SIG TUF-STEEL R/C LINKS

These Tuff-Steel R/C links are carefully manufactured and precision heat treated for maximum strength.

Standard 2-56 R/C links:

Standard R/C link with 1/16 in. diameter pin to fit regular nylon control horns and aileron bellcranks.

Heavy-duty 4-40 R/C links: for use where extra strength is needed. Recommended for giant scale size R/C models, C/L stunt planes, and boats. Strong 5/64 in. diameter pin.

Order No.	Description	Pack
SIGSH133	2-56 Links with 10 in. Steel Rods	2 pcs.
SIGSH134	2-56 Links Only	2 pcs.
SIGSH552	4-40 Links with 8 in. Steel Rods & Lock Nuts	2 pcs.
SIGSH553	4-40 Links Only	2 pcs.
SIGSH557	2-56 Links with 10 in. Steel Rods	6 pcs.
SIGSH558	2-56 Links Only	6 pcs.
SIGSH574	10 in. Steel Rods Only	6 pcs.
SIGSH698	4-40 Links with 8 in. Steel Rods & Lock Nuts	6 pcs.
SIGSH697	4-40 Links Only	6 pcs.
SIGSH699	8 in. Steel Rods Only	6 pcs.



Order No. SIGSH698



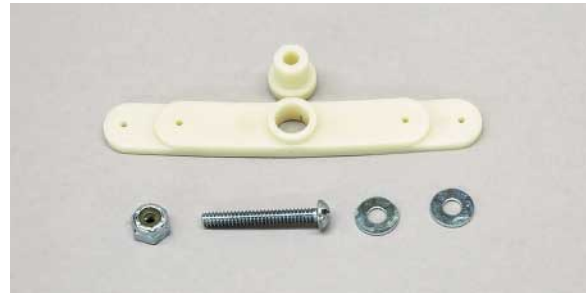
Order No. SIGSH133

SIG HEAVY DUTY TILLER BAR

Designed for use in cable control systems in giant-scale models. Attach cables directly to the Tiller Bar, or use clevises or ball links on the ends of the cables. (The thin ends of the Tiller Bar are the correct thickness for clevises.) Use a servo with a solid pushrod to drive the Tiller Bar. Molded of durable nylon.

Complete with bearing, mounting bolt, washers and nut.

Order No.: SIGSH715



SIG PUSHROD CONNECTORS

Pushrod connectors are used on nearly every R/C model today. They are ideal for hooking up flexible cable pushrods used for throttle or nosewheel steering, although they can be used with solid wire pushrods as well. Standard pushrod connectors have two main drawbacks:

1) The slotted set screw lets the screwdriver slip easily; and 2) The pushrod cable bends and twists with the connector body as you tighten the set screw. The SIG pushrod connector solves these problems by using a socket-head set screw and a hex-shaped connector body. Simply grip the connector body with pliers (to keep it from twisting) and tighten the set screw with a 3/32 in. balldriver or allen wrench (which can't slip). When it's your model, details ARE important!



Order No. SIGSH736

<u>Order No.</u>	<u>Description</u>
SIGSH736	SIG Pushrod Connectors Pack. 2 pcs.
SIGSH737	SIG Extra Nylon Retainers Pack. 12 pcs.

SIG 90 DEGREE NYLON BELLCRANKS

Traditional way to hook up barn door style ailerons to the aileron servo. Complete with Bushing and Mounting Bolt

<u>Order No.</u>	<u>Description</u>
SIGSH230	Package of 1
SIGSH231	Package of 2



Order No. SIGSH230

SIG SOLDER CLEVISES

A strong pre-tinned spring steel clevis that can be soldered directly to music wire or steel cable. Pack. 2 pcs.

<u>Order No.</u>	<u>Description</u>
SIGSH527	2-56 Size
SIGSH700	4-40 Size



Order No. SIGSH700

SIG THREADED COUPLERS

1-1/4 in. Overall Length
 2-56 Thread 3/4 in. Long
 Fits Over 1/16 in. Diameter Cable or Wire
 Made From Brass For Easy Soldering. Pack 3 pcs.

Order No.: SIGSH556



SIG HINGES

SIG BRAND X HINGES

X-TRA HOLDING POWER ÷ X-TRA VALUE

- X-shaped holes for maximum glue adhesion
- Traditional 2-piece piano style design
- Molded from super-strong nylon
- Thin section for easy installation
- Removable pins
- 2 popular sizes

Giant Size

Large, heavy-duty hinge designed for giant size models. Built to take heavy loads.

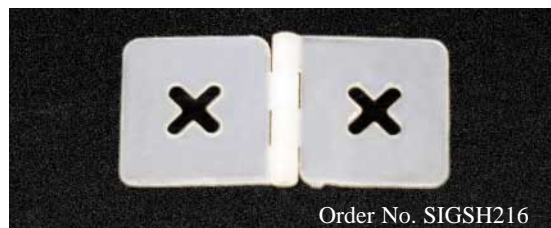
Order No.	Description
SIGSH701	SIG Brand-XX Hinges Pkg. of 15

Standard Size

Order No.	Description
SIGSH216	SIG Nylon Hinges-Pinned Pkg. of 6
SIGSH217	SIG Nylon Hinges-Pinned Pkg. of 15



Order No. SIGSH701



Order No. SIGSH216

SIG NYLON HINGE MATERIAL

Order No.	Description
SIGSH235	.012 x 3 x 4 in.
SIGSH236	.012 x 1/2 x 24 in.
SIGSH237	.012 x 3/4 x 24 in.

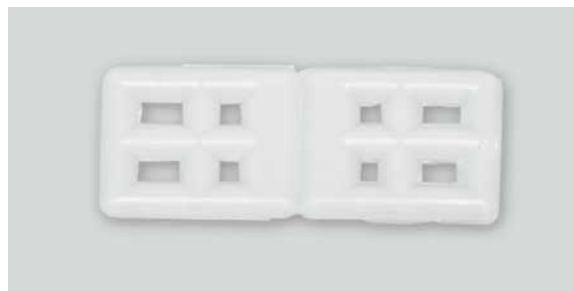


Order No. SIGSH237

SIG UNPINNED POLY HINGES

A special one-piece design molded from tough polypropylene. Easy to install. Can't clog up with glue like pinned hinges sometimes do. Due to the unique properties of polypropylene, this hinge can be repeatedly flexed back and forth against itself without ever splitting or breaking. These hinges will never wear out! For standard size models with .049 -.60 size engines. Very economical. Pack: 20 pcs.

Order No.: SIGSH543



SIG EASY HINGES

REVOLUTIONARY EASY HINGES
 SUPER THIN • SUPER STRONG • SUPER FAST
 "THE BEST HINGES YOU CAN BUY"

"They're As Easy As 1, 2, 3"

- 1) Cut a thin slot for each hinge.
- 2) Assemble dry.
- 3) Apply a few drops of CA glue and you're done!

In the history of modeling, only a few products were truly revolutionary. For example, proportional radios, iron-on coverings, and CA glues permanently changed the way we would build and fly our models and thus qualify as revolutionary. We believe that these EASY HINGES will have the same type of impact on the hobby. This is the solution to the dreaded, tedious, and boring job of hinging control surfaces. No more gouging and picking to make oversize slots in the wood. No more messy epoxies. EASY HINGES are so easy to install, they're guaranteed to bring a smile to your face the first time you use them. Suitable for all models - 1/2A thru .90 size. Pack: 24 pcs.

Order No.: SIGSH710



SIG J-BOLTS

Complete with nuts and washers.
Pack: 4 sets

<u>Order No.</u>	<u>Size</u>
SIGSH123	4-40 thread



SIG HARDENED SELF-TAPPING BOLTS

Pack: 10 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH147	4-40 thread
SIGSH148	4-40 thread



Order No. SIGSH148

SIG SOCKET HEAD BOLTS

With Wrench - Pack: 4 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH103	4-40 x 3/8 in.
SIGSH104	4-40 x 3/4 in.
SIGSH670	4-40 x 1 in.
SIGSH582	6-32 x 3/4 in.
SIGSH105	6-32 x 1 in.
SIGSH106	8-32 x 1-1/2 in.
SIGSH684	10-32 x 1 in.



Order No. SIGSH684

SIG SOCKET HEAD BOLTS

Complete With Wrench, Hex Nuts and Washers - Pack: 4 sets

<u>Order No.</u>	<u>Size</u>
SIGSH107	4-40 x 3/8 in.
SIGSH108	4-40 x 3/4 in.
SIGSH671	4-40 x 1 in.
SIGSH583	6-32 x 3/4 in.
SIGSH109	6-32 x 1 in.
SIGSH110	8-32 x 1-1/2 in.
SIGSH685	10-32 x 1 in.



Order No. SIGSH685

SIG ROUND HEAD WOOD SCREWS

Round Head - Pack: 10 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH590	#2 x 1/2 in.
SIGSH144	#3 x 3/8 in.
SIGSH591	#3 x 1/2 in.



Order No. SIGSH144

SIG SOCKET HEAD BOLTS WITH BLIND NUTS

Complete with wrench and washers.
Pack: 4 sets

<u>Order No.</u>	<u>Size</u>
SIGSH111	4-40 x 3/4 in.
SIGSH672	4-40 x 1 in.
SIGSH112	6-32 x 1 in.
SIGSH675	8-32 x 1-1/4 in.
SIGSH683	10-32 x 1 in.



Order No. SIGSH683

SIG FLAT HEAD WOOD SCREWS

Round Head - Pack: 10 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH145	#1 x 3/8 in.
SIGSH146	#2 x 3/8 in.
SIGSH589	#2 x 1/2 in.



Order No. SIGSH145

SIG MOUNTING BOLTS / Round Head

Complete with nuts and washers. Pack: 4 sets

Order No.	Size
SIGSH149	2-56 x 3/8 in.
SIGSH150	2-56 x 1/2 in.
SIGSH151	2-56 x 1 in.
SIGSH152	3-48 x 3/4 in.
SIGSH153	4-40 x 3/8 in.
SIGSH154	4-40 x 1/2 in.
SIGSH155	4-40 x 3/4 in.
SIGSH156	4-40 x 1 in.
SIGSH157	4-40 x 1-1/2 in.
SIGSH479	6-32 x 3/4 in.
SIGSH158	6-32 x 1 in.
SIGSH159	6-32 x 1-1/2 in.
SIGSH160	8-32 x 1-3/8 in.
SIGSH161	8-32 x 1-1/2 in.



SIG NYLON WING BOLTS

Pack: 4 pcs.

Order No.	Size
SIGSH171	4-40 x 1/2 in.
SIGSH172	4-40 x 1 in.
SIGSH173	8-32 x 1 in.
SIGSH530	10-32 x 1 in.
SIGSH687	10-32 x 1-1/4 in.
SIGSH526	1/4-20 x 5/8 in.
SIGSH174	1/4-20 x 1 in.
SIGSH175	1/4-20 x 1-1/2 in.
SIGSH520	1/4-20 x 2 in.



SIG FLAT METAL WASHERS

Order No.	Size	Quantity
SIGSH190	No. 2 (3/32 in. id)	Pack: 12 pcs.
SIGSH191	No. 3 (7/64 in. id)	Pack: 12 pcs.
SIGSH192	No. 4 (1/8 in. id)	Pack: 16 pcs.
SIGSH193	No. 6 (5/32 in. id)	Pack: 12 pcs.
SIGSH194	No. 8 (3/16 in. id)	Pack: 10 pcs.



SIG MOUNTING BOLTS / Round Head

Complete with blind nuts and washers. Pack: 4 sets

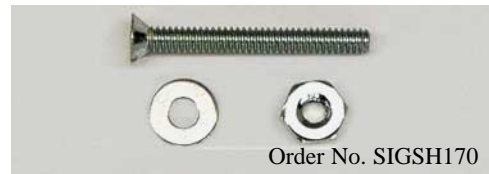
Order No.	Size
SIGSH164	4-40 x 3/8 in.
SIGSH165	4-40 x 3/4 in.
SIGSH521	4-40 x 1 in.
SIGSH166	6-32 x 3/4 in.
SIGSH167	6-32 x 1 in.
SIGSH674	8-32 x 1-1/2 in.



SIG MOUNTING BOLTS / Flat Head

Complete with nuts and washers. Pack: 4 sets

Order No.	Size
SIGSH168	2-56 x 3/8 in.
SIGSH169	4-40 x 3/8 in.
SIGSH170	4-40 x 1 in.



SIG SHEET METAL SCREWS

Hundreds of uses! For mounting cowlings, servo trays, landing gear straps, etc. Also small engines to wood engine mounts. Pack: 10 pcs.

Order No.	Size
SIGSH711	No. 1 x 3/8 in.
SIGSH185	No. 2 x 3/8 in.
SIGSH186	No. 2 x 1/2 in.
SIGSH548	No. 2 x 3/4 in.
SIGSH187	No. 4 x 3/8 in.
SIGSH188	No. 4 x 1/2 in.
SIGSH189	No. 6 x 3/4 in.



SIG BLIND NUTS

Pack: 4 pcs.

Order No.	Size
SIGSH200	4-40
SIGSH201	6-32
SIGSH676	8-32
SIGSH686	10-32



SIG LOCK WASHERS

Pack: 16 pcs.

Order No.	Size
SIGSH195	No. 2
SIGSH196	No. 4
SIGSH197	No. 6



SIG FLAT NYLON WASHERS

Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH202	3/32 in. I.D.
SIGSH203	1/8 in. I.D.
SIGSH204	5/32 in. I.D.
SIGSH205	3/16 in. I.D.



Order No. SIGSH205

SIG NYLON BUSHINGS

Pack: 4 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH711	No. 4
SIGSH185	No. 6
SIGSH186	No. 8



Order No. SIGSH208

SIG NYLON SOCKET HEAD BOLT

Pack: 4 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH800	4-40 x 3/8 in.



SIG BRASS EYELETS

<u>Order No.</u>	<u>Size</u>	<u>Quantity</u>
SIGSH210	Miniature Copper Eyelets	Pack: 10 pcs.
SIGSH212	1/32 in. I.D.	Pack: 15 pcs.
SIGSH213	1/16 in. I.D.	Pack: 15 pcs.
SIGSH209	3/32 in. I.D. Large Flange	Pack: 15 pcs.
SIGSH214	3/32 in. I.D. Small Flange	Pack: 10 pcs.
SIGSH215	1/8 in. I.D.	Pack: 3 pcs.



Order No. SIGSH215

SIG AIRCRAFT LOCK NUTS

These plated steel aircraft lock nuts come with a special nylon insert to help prevent loosening from vibration. Available in 4 different sizes. Pack: 8 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH651	4-40
SIGSH652	6-32
SIGSH653	8-32
SIGSH718	10-32



Order No. SIGSH718

SIG STEEL HEX NUTS

Pack: 8 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH611	2-56
SIGSH612	3-48
SIGSH613	4-40
SIGSH614	6-32
SIGSH615	8-32



Order No. SIGSH615

SIG THREADED INSERTS

Anything that needs to be taken on and off a lot can use these threaded inserts. Especially useful with cowls, wings, and hatches. Machined from tempered brass, these inserts are tough and very simple to install. Nice, clean, machine cut threads that won't wear out, get oil soaked from fuel, and won't vibrate loose.

Just drill a pilot hole, add a drop of epoxy or SIG CA Slow on the outside and screw the insert in place with the proper size bolt. When the glue cures, the bolt can be backed out of the insert and it is then ready to use. Three grooves on the outside of the inserts give full, even cutting action. Since you drive the insert in place with a bolt, the inside threads stay nice and clean. Most of the chips made from insertion are retained on the external grooves of the insert. This aids the adhesion of the glue and makes them hold even tighter. Even in soft wood like balsa. Pack: 4 pcs.

<u>Order No.</u>	<u>Size</u>
SIGSH731	4-40
SIGSH732	6-32
SIGSH733	8-32
SIGSH734	10-32
SIGSH735	1/4-20



Order No. SIGSH735

SIG PRECISION HARDWARE FOR SCALE BUILDERS

MINIATURE BOLTS, SCREWS, NUTS, WASHERS, ETC.

SIG HEX BRASS NUTS

Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMBN090	00-90
SIGPMBN080	0-80
SIGPMBN172	1-72
SIGPMBN256	2-56



Order No. SIGPMBN256

SIG BRASS WASHERS

Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMBW090	00-90
SIGPMBW080	0-80
SIGPMBW172	1-72
SIGPMBW256	2-56



Order No. SIGPMBW256

SIG ROUND BRASS RODS

Pack: 22 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMBR001	Assorted Sizes 00, 0, 1, 2



SIG FLAT BRASS MACHINE SCREWS

Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMFB890	00-90 x 1/8 in.
SIGPMFB880	0-80 x 1/8 in.
SIGPMFB872	1-72 x 1/8 in.
SIGPMFB856	2-56 x 1/8 in.
SIGPMFB490	00-90 x 1/4 in.
SIGPMFB480	0-80 x 1/4 in.
SIGPMFB472	1-72 x 1/4 in.
SIGPMFB456	2-56 x 1/4 in.
SIGPMFB290	00-90 x 1/2 in.
SIGPMFB280	0-80 x 1/2 in.
SIGPMFB272	1-72 x 1/2 in.
SIGPMFB256	2-56 x 1/2 in.



Order No. SIGPMFB256

SIG HEX BRASS MACHINE SCREWS

Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMHB890	00-90 x 1/8 in.
SIGPMHB880	0-80 x 1/8 in.
SIGPMHB872	1-72 x 1/8 in.
SIGPMHB856	2-56 x 1/8 in.
SIGPMHB490	00-90 x 1/4 in.
SIGPMHB480	0-80 x 1/4 in.
SIGPMHB472	1-72 x 1/4 in.
SIGPMHB456	2-56 x 1/4 in.
SIGPMHB290	00-90 x 1/2 in.
SIGPMHB280	0-80 x 1/2 in.
SIGPMHB272	1-72 x 1/2 in.
SIGPMHB256	2-56 x 1/2 in.



Order No. SIGPMHB256

SIG FILLISTER BRASS MACHINE SCREWS

Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMPB890	00-90 x 1/8 in.
SIGPMPB880	0-80 x 1/8 in.
SIGPMPB872	1-72 x 1/8 in.
SIGPMPB856	2-56 x 1/8 in.
SIGPMPB490	00-90 x 1/4 in.
SIGPMPB480	0-80 x 1/4 in.
SIGPMPB472	1-72 x 1/4 in.
SIGPMPB456	2-56 x 1/4 in.
SIGPMPB290	00-90 x 1/2 in.
SIGPMPB280	0-80 x 1/2 in.
SIGPMPB272	1-72 x 1/2 in.
SIGPMPB256	2-56 x 1/2 in.



Order No. SIGPMPB256

SIG ROUND BRASS MACHINE SCREWS

Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMRB890	00-90 x 1/8 in.
SIGPMRB880	0-80 x 1/8 in.
SIGPMRB872	1-72 x 1/8 in.
SIGPMRB856	2-56 x 1/8 in.
SIGPMRB490	00-90 x 1/4 in.
SIGPMRB480	0-80 x 1/4 in.
SIGPMRB472	1-72 x 1/4 in.
SIGPMRB456	2-56 x 1/4 in.
SIGPMRB290	00-90 x 1/2 in.
SIGPMRB280	0-80 x 1/2 in.
SIGPMRB272	1-72 x 1/2 in.
SIGPMRB256	2-56 x 1/2 in.



Order No. SIGPMRB256

SIG ROUND BRASS SELF-TAPPING SCREWS

Can be used as wood screws. Pack: 12 pcs.

<u>Order No.</u>	<u>Size</u>
SIGPMRS018	00-1/8 in.
SIGPMRS036	00-3/16 in.
SIGPMRS014	00-1/4 in.



Order No. SIGPMRS014

SIG E-Z TAP AND DIE HOLDER

Lightweight aluminum. Complete with tap bushings, set screw, and wrench.

Order No.: SIGPMTD002



SIG SINGLE TAPS

<u>Order No.</u>	<u>Size</u>
SIGPMTS090	00-90
SIGPMTS080	0-80
SIGPMTS256	2-56
SIGPMTS001	Set of 3 Sizes



SIG CARBON STEEL REPLACEMENT DIES

<u>Order No.</u>	<u>Size</u>
SIGPMRD090	00-90
SIGPMRD080	0-80
SIGPMRD172	1-72
SIGPMRD256	2-56



Order No. SIGPMRD256

SIG E-Z SOCKET WRENCHES

An easy-to-use wrench made of lightweight aluminum for Morris Hex Screws and Nuts. Design permits reaching hard-to-get-at places.

<u>Order No.</u>	<u>Size</u>
SIGPMSW001	00-5/64 in.
SIGPMSW003	1-7/64 in.
SIGPMSW004	2-1/8 in.
SIGPMSW005	Set of 4



Order No. SIGPMSW003



Order No. SIGPMSW005

SIG SOLDER

40/60 Alloy 1 Ounce

<u>Order No.</u>	<u>Description</u>
SIGSH227	SIG Solder Acid Core
SIGSH228	SIG Solder Rosin Core



Order No. SIGSH228

SIG SINGLE EDGE RAZOR BLADES**WILL OUTLAST ORDINARY RAZOR BLADES HEAVY-DUTY, NO NOTCH**

Even with dozens of specialized hobby knife blades available today, there are still many times when good, old-fashioned single edged razor blades are handy to have in the workshop. In fact, in our own model shop we find them to be practically indispensable. These razor blades are thinner and sharper than any hobby knife blade can be. Heavy-duty and long lasting! Great for trimming any type of cloth, paper, or plastic covering material.

You can cut sheet balsa quick and easy, either with or across the grain. Balsa sticks can be cut to length in one easy step - no need to saw and then sand the ends. Also excellent for scraping epoxy glue, fiberglass, or paint. Cuts wood, paper, cardboard, plastic, foam, and even soft brass aluminum tubing. Economical too! Pack: 6 pcs.

**Order No.: SIGSH283****SIG MODEL MAKER'S T PINS**

No matter what new hobby glue comes along, modelers will need pins to hold pieces in alignment during assembly. SIG's Model Maker's T Pins are the pins model builders want! They have many advantages over common household dressmaker's pins. They are made of the finest grade spring steel wire, with uniformly smooth, extra-sharp points. The handy T heads make it easy to push the pins in without developing a sore thumb. Everyone who uses them loves 'em! An extremely popular item for countless modeling and craft tasks!

1 oz. Blister Package

<u>Order No.</u>	<u>Size</u>
SIGSH306	No. 16
SIGSH307	No. 20
SIGSH308	No. 24

1 oz. Plastic Box

<u>Order No.</u>	<u>Size</u>
SIGSH309	No. 16
SIGSH310	No. 20
SIGSH311	No. 24

4 oz. Plastic Box

<u>Order No.</u>	<u>Size</u>
SIGSH312	No. 16
SIGSH313	No. 20
SIGSH314	No. 24



Order No. SIGSH306

SIG MODEL MAKER'S PINS

Finest Grade, Very Sharp, Plated Pins In Seven Sizes.
Perfect For Countless Modeling Tasks.

1 oz. Plastic Box

<u>Order No.</u>	<u>Size</u>
SIGSH298	No. 8
SIGSH299	No. 14
SIGSH300	No. 17
SIGSH301	No. 20
SIGSH302	No. 24
SIGSH303	No. 28
SIGSH304	No. 32

4 oz. Plastic Box

<u>Order No.</u>	<u>Size</u>
SIGSH481	No. 8
SIGSH482	No. 14
SIGSH483	No. 17
SIGSH484	No. 20
SIGSH485	No. 24
SIGSH486	No. 28
SIGSH487	No. 32



Order No. SIGSH304

SIG PLASTIC HEAD PINS

A precision made, very sharp, plated pin with a round, plastic head that makes it easy to push into or withdraw from work. Ideal for simulating throttle and control knobs on scale models.

Order No.	Quantity
SIGSH315	Blister pack of 35
SIGSH316	Box of 100
SIGSH317	Box of 500



Order No. SIGSH315

SIG NICROME WIRE

For cutting foam.

Order No.	Description
SIGSH135	.016 in. Diameter - 5 Foot Roll



SIG SOFT BARE COPPER WIRE

Fine .016 in. wire ideal for wrapping and binding landing gear, control lines, etc. Entirely free of varnish for easy soldering.

Order No.: SIGSH330



SIG PAPER MASKING TAPE

24 Foot Roll

Order No.	Size
SIGSH319	1/4 in.
SIGSH321	1/2 in.



Order No. SIGSH321

60 Yard Roll

Order No.	Size
SIGSH319	1/4 in.
SIGSH321	1/2 in.

SIG BALLDRIVERS / available in standard and metric sizes.

BETTER THAN AN ALLEN WRENCH

The ultimate tool for socket head bolts and wheel collars.

- 1) Angle entry permits easy access even in restricted or hard to reach areas. Off-axis rotation speeds up fastener application or removal. Fasteners can be driven or loosened at angles up to 25 degrees.
- 2) Fast funnel entry allows Balldriver tools to slide easily into socket and achieve full socket engagement with a single snap-in motion. No more wasted time feeling the tool into the socket.
- 3) Positive full depth engagement of Balldriver tools overcome most stripping problems. It is generally impossible to determine whether a standard tool is fully engaged in the socket. When it is not, stripping problems often occur.
- 4) Faster insertion and removal because tool follows natural wrist and hand rotation. Balldriver tools will turn a full 360 degrees in locations where standard hex-tools cannot, thus saving valuable time.

Metric Sizes

Order No.	Size
SIGSH706	Set of 4 Metric Balldrivers, which includes: 1.5mm (89 mm shaft length) 2.0mm (120 mm shaft length) 2.5mm (140 mm shaft length) 3.0mm (160 mm shaft length)

Standard Sizes

Order No.	Size
SIGSH707	Set of 6 Standard Balldrivers, which includes: 5/32 in. - Fits 10-32 Socket Head Bolts (Shaft Length - 7-7/16 in.) 9/64 in. - Fits 8-32 Socket Head Bolts (Shaft Length - 7 in.) 7/64 in. - Fits 6-32 Socket Head Bolts (Shaft Length - 6 in.) 3/32 in. - Fits 4-40 Socket Head Bolts (Shaft Length - 5-1/2 in.) 1/16 in. - Fits most large wheel collar sizes (Shaft Length - 3-5/16 in.) .050 in. - Fits most small wheel collar sizes (Shaft Length - 3-3/16 in.)



Order No. SIGSH706



Order No. SIGSH707

REPLACEMENT PARTS FOR SIG KITS

In the event of an unexpectedly "hard" landing (ie CRASH!) your SIG model may need some repairs. If you need replacement parts, we have them available. Simply stated, YOU CAN GET ANY PART TO ANY OF OUR KITS! All of the parts are available individually and/or as part of a larger pre-packed set. When ordering replacement parts, please use the same part descriptions that are used in the original kit instructions and plans. "That piece that goes in front of the wing." will undoubtedly get you the wrong part! Pre-packaged Fuselage Kits and Wing Kits: Modelers who have suffered a major crash often decide to rebuild

the entire fuselage or wings of their model rather than try to splice on a large repair. In order to save them time in putting together their parts order, we offer pre-packed FUSELAGE KITS and WING KITS. These partial kits are intended to provide the modeler with all of the wood parts for the structure he needs. They do not provide the modeler with replacement parts that are already listed separately in this catalog. For instance, a FUSELAGE KIT does not include the Assembly Manual, Plans, Cowling, Canopy, Tail Surfaces, Landing Gear, or Decals of the model. Likewise, a WING KIT does not include an Assembly

Manual, Plans, or Landing Gear. In most cases, the modeler will still have his Plans and Assembly Manual from their original kit, and there is no need for them to spend more money for a duplicate set. Likewise, a Landing Gear, Canopy, Cowling, and Pushrods often survive a crash.

Our intent is simply to make it as easy as possible for you to order exactly the parts you need and not a lot of duplicate parts that you don't need.

*** Call For Availability On ARF Parts**

FUSELAGE KITS

SIGRPFU019	CL Chipmunk
SIGRPFU203	1/6 Piper J-3 Cub
SIGRPFU226	1/6 Clipped Wing Cub
SIGRPFU230	Citabria
SIGRPFU235	Kougar (no plastic top)
SIGRPFU238	Smith Miniplane
SIGRPFU239	Kavalier
SIGRPFU244	Four-Star 40
SIGRPFU247	1/4 Clipped Wing Cub
SIGRPFU248	1/4 Piper J-3 Cub
SIGRPFU249	Kadet Mark II
SIGRPFU250	Hummer
SIGRPFU252	Riser
SIGRPFU253	Kobra (no plastic top)
SIGRPFU254	King Kobra (no plastic top)
SIGRPFU255	Astro-Hog
SIGRPFU256	Mid-Star 40
SIGRPFU258	Kadet Senior
SIGRPFU259	Spacewalker II
SIGRPFU260	Kadet Seniorita
SIGRPFU261	Spacewalker
SIGRPFU262	Riser 100
SIGRPFU263	Ninja
SIGRPFU265	Four-Star 120
SIGRPFU266	Wonder
SIGRPFU267	LT-40
SIGRPFU268	Fazer
SIGRPFU269	Hog-Bipe
SIGRPFU271	Ultimate Fun Fly
SIGRPFU273	Four Star 60
SIGRPFU274	Kadet LT-25
SIGRPFU276	Somethin' Extra®
SIGRPFU280	Rascal R/C
SIGRPFU282	Rascal
SIGRPFU285	SeaLane
SIGRPFU2106	Four-Star 20 EP

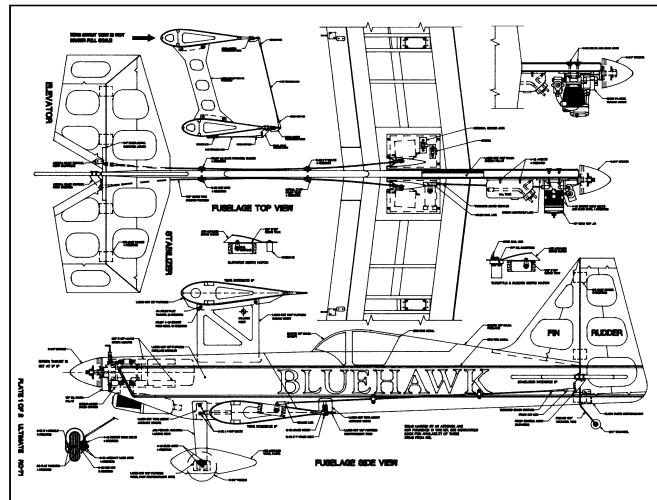
SIG KIT REPLACEMENT CANOPIES

MOLDED FROM TOUGH CLEAR PLASTIC

SIGCK020	Akromaster
SIGCK235	Kougar
SIGCK239	Kavalier
SIGCK244	Four-Star 40
SIGCK250	Hummer
SIGCK253	Kobra
SIGCK254	King Kobra
SIGCK256	Mid-Star 40
SIGCK265	Four-Star 120
SIGCK273	Four-Star 60
SIGCK276	Somethin' Extra®
SIGCK299	Dornier Do 217
SIGCK2106	Four-Star 20 EP

SIG KIT PLANS

Designs marked with an asterisk * have most of the Part patterns shown on the plan. The others do not have all of the part patterns. The kit die-cut or printed balsa sheets are needed for these.



SIGKP011	CL-11 Banshee	SIGKP255	RC-55 Astro-Hog
SIGKP012	CL-12 Buster*	SIGKP256	RC-56 Mid-Star 40
SIGKP013	CL-13 Buostring*	SIGKP258	RC-58 Kadet Senior
SIGKP015	CL-15 Dewey Bird*	SIGKP259	RC-59 Spacewalker II
SIGKP019	CL-19 Super Chipmunk	SIGKP260	RC-60 Kadet Seniorita
SIGKP020	CL-20 Akromaster	SIGKP261	RC-61 Spacewalker
SIGKP021	CL-21 Mustang Stunter	SIGKP262	RC-62 Riser 100
SIGKP022	CL-22 Twister	SIGKP263	RC-63 Ninja
SIGKP023	CL-23 Skyray	SIGKP265	RC-65 4 Star 120
SIGKP025	CL-25 Skyray 35	SIGKP266	RC-66 Wonder
SIGKP101	FF-1 SIG Cub*	SIGKP267	RC-67 Kadet LT-40
SIGKP120	FF-20 Cabinaire	SIGKP268	RC-68 Fazer
SIGKP121	FF-21 29'er	SIGKP269	RC-69 Hog-Bipe
SIGKP122	FF-22 Tiger	SIGKP271	RC-71 Ultimate Fun Fly
SIGKP123	FF-23 Mr. Mulligan	SIGKP273	RC-73 Four Star 60
SIGKP124	FF-24 Mini-Maxer	SIGKP274	RC-74 Kadet LT-25
SIGKP125	FF-25 Monocoupe	SIGKP276	RC-76 Somethin' Extra
SIGKP126	FF-26 Customaire	SIGKP280	RC-80 Rascal R/C
SIGKP203	RC-3 1/6 Piper J-3 Cub	SIGKP282	RC-82 1/5 Piper J-3 Cub Anniv.
SIGKP226	RC-26 1/6 Clipped Wing Cub	SIGKP285	RC-85 SeaLane
SIGKP230	RC-30 Citabria	SIGKP290	RC-90 Demoiselle
SIGKP238	RC-38 Miniplane*	SIGKP291	RC-91 Antoinette
SIGKP239	RC-39 Kavalier*	SIGKP292	RC-90 Deperdussin
SIGKP244	RC-44 Four-Star 40	SIGKP299	RC-99 Dornier Do 217
SIGKP247	RC-47 1/4 Clipped Wing Cub	SIGKP2106	RC-106 Four-Star 20 EP
SIGKP248	RC-48 1/4 Piper J-3 Cub	SIGKPBX2	BX-002 MiniBoss
SIGKP249	RC-49 Kadet Mark II*	SIGKPBX3	BX-003 Gas Passer
SIGKP250	RC-50 Hummer	SIGKPF11	FK-001 Float Kit
SIGKP252	RC-52 Riser		
SIGKP253	RC-53 Kobra		
SIGKP254	RC-54 King Kobra		

Some Berkely plans also available.

MISCELLANEOUS PARTS

SIGRPPT234	ABS Top for Skybolt including cockpit trim
SIGRPPT235	ABS plastic top for Kougar
SIGRPCS238	Miniplane cabane strut wires
SIGRPPT254	ABS plastic top deck for King Kobra
SIGRPWD255	Astro-Hog windshield .015 x 3-3/8" x 8-1/2"
SIGRP4255	Astro-Hog molded headrest
SIGRPC255	Astro-Hog optional tail dragger wire set
SIGRP25247	Air cleaner & bungee cover
SIGRPCW248	Cabin wire set for 1/4-scale J-3 Cub
SIGRPPT253	Plastic top for Kobra
SIGRPC261	Spacewalker cockpit coaming
SIGRPWD261	Spacewalker windshield .030 x 8-1/2" x 17"
SIGRPWT261R	Spacewalker right wing tip
SIGRPWT261L	Spacewalker left wing tip
SIGRPCB256	Mid-Star 40 canopy base
SIGRPC259	Spacewalker II cockpit coaming
SIGRPWD259	Spacewalker II windshield .030 x 5" x 12" (2)
SIGRPWT259L	Spacewalker II left wing tip
SIGRPWT259R	Spacewalker II right wing tip
SIGRPFS259	Spacewalker II fuel cap, shock springs & compass

ARF WING KITS

(Does not include instruction book)

SIGRPWK104ARFB	Kadet EP-42B ARF (blue)
SIGRPWK104ARFR	Kadet EP-42B ARF (red)
SIGRPWK258EGARFB	Kadet Senior EG ARF (blue)
SIGRPWK258EGARFR	Kadet Senior EG ARF (red)
SIGRPWK267EGARFB	Kadet LT-40 EG ARF
SIGRPWK280EPARFR	Rascal EP-49 ARF (red)
SIGRPWK280EPARFY	Rascal EP-49 ARF (yellow)
SIGRPWK283EGARFB	Rascal 72 EG ARF (blue)
SIGRPWK283EGARFR	Rascal 72 EG ARF (red)
SIGRPWK284ARFB	Rascal 110 ARF (blue)
SIGRPWK284ARFR	Rascal 110 ARF (red)

SIG ASSEMBLY MANUALS



IF ORDERED ALONE, ADD \$1.00 FOR POSTAGE RATHER THAN THE \$6.95 MINIMUM POSTAGE ON REGULAR ORDERS.

SIGIB016	Akrobat
SIGIB019	CL Super Chipmunk
SIGIB021	Mustang Stunter
SIGIB022	Twister
SIGIB025	Skyray 35 (Instruction Sheet)
SIGIB120	Cabinaire
SIGIB121	'29er
SIGIB122	SIG Tiger
SIGIB123	Mr. Mulligan
SIGIB125	Monocoupe
SIGIB126	Customaire
SIGIB203	1/6 Scale Piper J-3 Cub
SIGIB226	1/6 Scale Clipped Wing Cub
SIGIB230	Citabria
SIGIB234	Skybolt
SIGIB235	Kougar*

SIGIB238	Smith Miniplane
SIGIB239	Kavalier
SIGIB244	Four-Star 40
SIGIB247	1/4 Scale Clipped Wing Cub
SIGIB248	1/4 Scale Piper J-3 Cub
SIGIB249	Kadet Mark II
SIGIB250	Hummer
SIGIB252	Riser
SIGIB253	Kobra
SIGIB254	King Kobra
SIGIB255	Astro-Hog
SIGIB256	Mid-Star 40
SIGIB258	Kadet Senior
SIGIB259	Spacewalker II
SIGIB260	Seniorita
SIGIB261	Spacewalker
SIGIB262	Riser 100
SIGIB263	Ninja
SIGIB265	Four-Star 120
SIGIB266	Wonder
SIGIB267	Kadet LT-40
SIGIB268	Fazer
SIGIB269	Hog-Bipe
SIGIB271	Ultimate Fun Fly
SIGIB273	Four-Star 60
SIGIB274	Kadet LT-25
SIGIB276	Somethin' Extra*



BALSA WING KITS (Does not include instruction book)

SIGRPBK011	Banshee
SIGRPBK019	CL Super Chipmunk
SIGRPBK022	Twister
SIGRPBK203	1/6 Piper J-3 Cub
SIGRPBK226	1/6 Clipped Wing Cub
SIGRPBK230	Citabria
SIGRPBK238	Smith Miniplane
SIGRPBK239	Kavalier
SIGRPBK244	Four-Star 40
SIGRPBK247	1/4 Clipped Wing Cub
SIGRPBK248	1/4 J-3 Cub
SIGRPBK249	Kadet Mark II (includes parts for ailerons)
SIGRPBK250	Hummer
SIGRPBK252	Riser
SIGRPBK253	Kobra
SIGRPBK255	Astro-Hog
SIGRPBK256	Mid-Star 40
SIGRPBK258	Kadet Senior

SIGRPBK259	Spacewalker II
SIGRPBK260	Kadet Seniorita
SIGRPBK261	Spacewalker
SIGRPBK262	Riser 100
SIGRPBK265	Four-Star 120
SIGRPBK266	Wonder
SIGRPBK267	Kadet LT-40
SIGRPBK268	Fazer
SIGRPBK269A	Upper Hog-Bipe
SIGRPBK269B	Lower Hog-Bipe
SIGRPBK271A	Upper Ultimate Fun Fly
SIGRPBK271B	Lower Ultimate Fun Fly
SIGRPBK273	Four Star 60
SIGRPBK274	Kadet LT-25
SIGRPBK276	Somethin' Extra*
SIGRPBK280	Rascal R/C
SIGRPBK282	1/5 Piper J-3 Cub
SIGRPBK285	SeaLane
SIGRPBK2106	Four-Star 20 EP

FOAM WING KITS AND FOAM WING CORES

(Does not include instruction book)

COMPLETE FOAM WING KITS

SIGRPFK235	Kougar
SIGRPFK254	King Kobra
SIGRPFK263	Ninja

FOAM WING CORES ONLY

SIGRPFC235	Kougar
SIGRPFC254	King Kobra
SIGRPFC263	Ninja

SIGIB276ARF	Somethin' Extra* ARF
SIGIB280	Rascal R/C
SIGIB282	1/5 Scale Piper J-3 Cub Anniv.
SIGIB285	SeaLane
SIGIB290	Demoiselle
SIGIB291	Antoinette
SIGIB292	Deperdussin
SIGIB299	Dornier Do 217
SIGIB900	Pro Balancer
SIGIB2106	Four-Star 20 EP
SIGIBFLT1	Float Kit
SIGIBX004	E-Pro Flight Box

* Models marked with an asterisk are built from the instruction book and kit parts only. No plan is needed or available.



REPLACEMENT DECALS FOR SIG KITS

SIGDKM003	Gas Passer	SIGDKM265A	Four-Star 120 fuselage
SIGDKM012	Buster	SIGDKM265B	Four-Star120 right wing/stab
SIGDKM013	Shoestring	SIGDKM265C	Four-Star120 left wing/stab
SIGDKM015	Deweybird	SIGDKM265D	Four-Star120 wheel pants
SIGDKM017	Staggerwing	SIGDKM266A	Wonder (Standard)
SIGDKM019	CL Super Chipmunk	SIGDKM266B	Wonder (Russian)
SIGDKM023	Skyray	SIGDKM266C	Wonder (Blue Angel)
SIGDKM025	Skyray 35	SIGDKM266D	Wonder (Patriot)
SIGDKM123	Mr. Mulligan	SIGDKM267A	Kadet LT-40 (left side)
SIGDKM125	Monocoupe	SIGDKM267B	Kadet LT-40 (right side)
SIGDKM203	1/6 Piper J-3 Cub	SIGDKM268	Fazer
SIGDKM226	1/6 Clipped Wing J-3	SIGDKM269AB	Hog-Bipe (kit)
SIGDKM230A	Citabria (new version)	SIGDKM269C	Hog-Bipe (optional checks)
SIGDKM235B	Kougar Team Numbers	SIGDKM271AB	Ultimate Fun Fly Wing Canopy & Fuselage
SIGDKM235C	Kougar Team Insignia	SIGDKM271C	Ultimate Fun Fly Badge & Number
SIGDKM235AB	Kougar Stars & Bars	SIGDKM273A	Four-Star 60 fuselage
SIGDKM235AC	Kougar Black Lettering	SIGDKM273B	Four-Star 60 right wing/stab
SIGDKM238	Smith Miniplane	SIGDKM273C	Four-Star 60 left wing/stab
SIGDKM244	Four-Star40 fuselage	SIGDKM274	Kadet LT-25
SIGDKM244B	Four-Star40 wing/stab	SIGDKM276	Somethin' Extra®
SIGDKM247A	1/4 Clipped Wing Cub (bear)	SIGDKM280	Rascal R/C
SIGDKM247B	1/4 Clipped Wing Cub (license#)	SIGDKM282A	1/5 Piper J-3 Cub Ann. wing no.
SIGDKM248	1/4 Piper J-3 Cub	SIGDKM282B	1/5 Piper J-3 Cub Ann. fuse no. & lightning bolt (blk.)
SIGDKM249	Kadet Mark II	SIGDKM282C	1/5 Piper J-3 Cub Ann. bear (P)
SIGDKM252	Riser	SIGDKM282D	1/5 Piper J-3 Cub Ann. fuse no. (wht.)
SIGDKM253A	Kobra (numbers)	SIGDKM282E	1/5 Piper J-3 Cub Ann. bear (CW)
SIGDKM253B	Kobra (stars & bars)	SIGDKM285	Sealane
SIGDKM254A	King Kobra (name)	SIGDKM290	Demoiselle
SIGDKM255	Astro-Hog	SIGDKM291	Antoinette
SIGDKM256	Mid-Star 40	SIGDKM292	Deperdussin
SIGDKM258	Kadet Senior	SIGDKM299	Dornier Do 217
SIGDKM259	Spacewalker II		
SIGDKM260	Seniorita		
SIGDKM261	Spacewalker		
SIGDKM262	Riser 100		
SIGDKM263	Ninja		

REPLACEMENT COWLINGS FOR SIG KITS

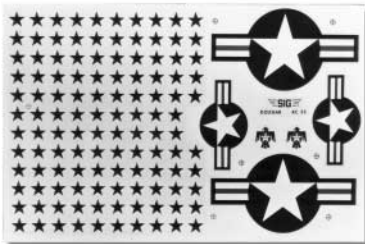


SIGSH389	1/6 Clipped Wing Cub & 1/6 Piper J-3 Cub (2pc.)
SIGSH514	Beechcraft Staggerwing
SIGSH390	Citabria
SIGSH580	Kavalier
SIGSH515	SIG Kadet (fits MK I & MK II)
SIGSH403	CL Super Chipmunk
SIGSH542	Kougar, King Kobra
SIGSH564	Smith Miniplane
SIGSH629	1/4 Scale Clipped Wing Cub & J-3 Cub*
SIGSH713	Spacewalker
SIGSH741	Spacewalker II
SIGSH882	1/5 Scale Piper J-3 Cub Anniv.

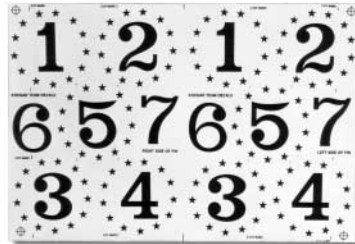
* Bungee cover & air cleaner not included.

ABOUT KOUGAR DECALS: The color scheme of the Kougar model pictured elsewhere in this catalog was inspired by the Thunderbird aircraft of an earlier time. The decals for these markings are 235AB and 235AC. These two decal sheets will do one model. Patterns for this color scheme are in the kit instruction book.

The 235B and 235C decals also illustrated above are for a newer color scheme. The Kougar Team Number sheet will do up to seven models. The Kougar Team Insignia sheet will do one model. Color scheme paint patterns are included with 235B and 235C decals.



DKM235AB KOUGAR STARS AND BARS SHEET



DKM235B KOUGAR TEAM NUMBERS SHEET



235AC KOUGAR BLACK LETTERING SHEET



235C KOUGAR TEAM INSIGNIA SHEET

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CONVERSION TABLE (inches - mm)

From 1/64 to 63/64 in.

Conversion Factor:
1 in. = 25.4 mm

Fraction in.	Decimal in.	Metric mm	Fraction in.	Decimal in.	Metric mm
1/64	0.016	0.397	33/64	0.516	13.097
1/32	0.031	0.794	17/32	0.531	13.494
3/64	0.047	1.191	35/64	0.547	13.891
1/16	0.063	1.588	9/16	0.563	14.288
5/64	0.078	1.984	37/64	0.578	14.684
3/32	0.094	2.381	19/32	0.594	15.081
7/64	0.109	2.778	39/64	0.609	15.478
1/8	0.125	3.175	5/8	0.625	15.875
9/64	0.141	3.572	41/64	0.641	16.272
5/32	0.156	3.969	21/32	0.656	16.669
11/64	0.172	4.366	43/64	0.672	17.066
3/16	0.188	4.763	11/16	0.688	17.463
13/64	0.203	5.159	45/64	0.703	17.859
7/32	0.219	5.556	23/32	0.719	18.256
15/64	0.234	5.953	47/64	0.734	18.653
1/4	0.250	6.350	3/4	0.750	19.050
17/64	0.266	6.747	49/64	0.766	19.447
9/32	0.281	7.144	25/32	0.781	19.844
19/64	0.297	7.541	51/64	0.797	20.241
5/16	0.313	7.938	13/16	0.813	20.638
21/64	0.328	8.334	53/64	0.828	21.034
11/32	0.344	8.731	27/32	0.844	21.432
23/64	0.359	9.128	55/64	0.859	21.828
3/8	0.375	9.525	7/8	0.875	22.225
25/64	0.391	9.922	57/64	0.891	22.622
13/32	0.406	10.319	29/32	0.906	23.019
27/64	0.422	10.716	59/64	0.922	23.416
7/16	0.438	11.113	15/16	0.938	23.813
29/64	0.453	11.509	61/64	0.953	24.209
15/32	0.469	11.906	31/32	0.969	24.606
31/64	0.484	12.303	63/64	0.984	25.003
1/2	0.500	12.700			

MODEL AIRPLANE ENGINE SIZE CONVERSION CHART

Cubic Inches = Cubic Centimeters

CONVERSION FACTORS:

1 cu. in. = 16.3934 cc

.061 cu. in. = 1 cc

.049 cu. in. = .8 cc	.61 cu. in. = 10.0 cc
.09 cu. in. = 1.5 cc	.80 cu. in. = 13.0cc
.15 cu. in. = 2.5 cc	.91 cu. in. = 14.9 cc
.19 cu. in. = 3.1 cc	1.20 cu. in. = 20.0 cc
.21 cu. in. = 3.5 cc	1.50 cu. in. = 25.0 cc
.25 cu. in. = 4.1 cc	1.60 cu. in. = 26.2 cc
.29 cu. in. = 4.8 cc	1.80 cu. in. = 30.0 cc
.35 cu. in. = 5.7 cc	2.00 cu. in. = 32.8 cc
.40 cu. in. = 6.5 cc	2.40 cu. in. = 39.3 cc
.46 cu. in. = 7.5 cc	2.70 cu. in. = 44.3 cc
.50 cu. in. = 8.2 cc	3.00 cu. in. = 49.2 cc

NOTE: Both the "PROP CHART FOR 2-STROKE ENGINES" and the "PROP CHART FOR 4-STROKE ENGINES" are intended to provide an R/C sport flier with a safe, dependable starting propeller to use on a typical sport/trainer type model airplane. While the "STARTING PROPELLER" listed may not deliver optimum performance in every single case, it should get the model off the ground and flying nicely with the engine operating in a safe RPM range. This will provide a starting point from which other size props, either from the "ALTERNATE PROPELLERS" list or from the engine manufacturer's instructions, can be tried and compared.

PROP CHART FOR 2-STROKE ENGINES

ENGINE SIZE (cu. in.)	STARTING PROPELLER	ALTERNATE PROPELLERS
.049	6x3	5.25x4, 5.5x4, 6x3.5, 6x4, 7x3
.09	7x4	7x3, 7x4.5, 7x5
.15	8x4	8x5, 8x6, 9x4
.19 - .25	9x4	8x5, 8x6, 9x5
.29 - .30	9x6	9x7, 9.5x6, 10x5
.35 - .36	10x6	9x7, 10x5, 11x4
.40	10x6	9x8, 11x5
.45	10x7	10x6, 11x5, 11x6, 12x4
.50	11x6	10x8, 11x7, 12x4, 12x5
.60 - .61	11x7	11x7.5, 11x7.75, 11x8, 12x6
.70	12x6	11x8, 12x8, 13x6, 14x4
.78 - .80	13x6	12x8, 14x4, 14x5
.90 - .91	14x6	13x8, 15x6, 16x5
1.08	16x6	15x8, 18x5
1.2	16x8	16x10, 18x5, 18x6
1.5	18x6	18x8, 20x6
1.8	18x8	18x10, 20x6, 20x8, 22x6
2.0	20x8	18x10, 20x6, 20x10, 22x6

PROP CHART FOR 4-STROKE ENGINES

ENGINE SIZE (cu. in.)	STARTING PROPELLER	ALTERNATE PROPELLERS
.20 - .21	9x6	9x5, 10x5
.40	11x6	10x6, 10x7, 1x4, 11x5, 11x7, 11x7.5, 12x4, 12x5
.45 - .48	11-6	10-6, 10-7, 10-8, 11-7, 11-7.5, 12-4, 12-5, 12-6
.60 - .65	12x6	11-7.5, 11-7.75, 11-8, 12-8, 13-5, 13-6, 14-5, 14-6
.80	13x6	12x8, 13x8, 14x4, 14x6
.90	14x6	13x6, 14x8, 15x6, 16x6
1.20	16x6	14x8, 15x6, 15x8, 16x8, 17x6, 18x5, 18x6
1.60	18x6	15x6, 15x8, 16x8, 18x6, 18x8, 20x6
2.40	18x10	18x12, 20x8, 20x10
2.70	20x8	18x10, 18x12, 20x10
3.00	20x10	18x12, 22x8

If I was asked, "What would you recommend for a trainer?" I would not hesitate to say, "The Kadet Senior EG!" I just loved the way it flew, and the way it looks in the air with the transparent covering. It is just an all-around wonderful plane to fly.

Ray Juschkus on Sept. 2012 about the Kadet Senior EG ARF



see page 5



see page 32

I found the SIG Kougar to be a joy to build and fly. I can strongly recommend this airplane to my fellow modelers.

See you at the field,
Owen Dwire about the Kougar Mark II kit

"I modified your Hog-Bipe to electric and it flies like a dream. The model weighs in at just under 9 pounds - 2 pounds of that weight is batteries. I put a hatch where the fuel tank use to be and that makes an easy access battery compartment.

Clyde Brothers about the Hog-Bipe kit



see page 27



see page 11

The Rascal 110 is an awesome aircraft. It is huge with a bright covering scheme that makes it very easy to see in the sky. The quality of everything was excellent, a trait I have come to expect from SIG airplanes.

Erick Royer on Nov. 2012 about the Rascal 110 ARF

This is truly a classic. It is great flyer for a beginner as well as the experienced pilot. I have been flying for over 20 years and have plenty of fast planes, but when I want to sit back and relax and really enjoy flying -- this is the plane.

Robert Dinger on Mar 22, 2013 about the Kadet LT-40 EG ARF



see page 6 & 7



see page 9

The Rascal is fun to assemble and even more fun to fly. It's hard to imagine having more fun. Its size is very convenient for stopping at the local park on the way to work. It's tough to fly the Rascal EP-49 without having a large grin across your face.

Peter Sarafini on Sept. 2012 about the Rascal EP-49 ARF

For those who have not had the pleasure of flying a Four Star, you really owe it to yourself to give one a try. The Four Star 64 has found a spot on my "must bring" list for flying events and any day out at the field.

Steve Mills on Aug. 2013 about the 4-Star 64 EG ARF



see page 13



see page 5

The SIG Kadet is one of those iconic models that has gracefully withstood the test of time. It's hard to imagine a scenario where the Senior would not be easy to fly! I think Kadets will be around for a long time to come.

Terry Dunn on Feb. 2013 about the Kadet Senior EG ARF





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