PILOT .........
Model Airplane & Parts

SPEED BUILT .........
Model Car & Starter

AQUA .........
Model Boat & Marine Parts

CHRISTEN EAGLE
Dear Fellow Modeler:

I heartfully thank you for your patronage to our OK models. I have been studying and developing our products from the view of you assembling and flying them.

Now, I release new catalogue showing our goods improved enough for your satisfaction in new epoch. It is composed in full range from beginner use to competitor's, and I am making them based on our modelers' minds, to be easier in assembling and flying and to be worthy to its value, through my severe check and control to the quality.

Please send your track comments on our models as I hope to make it a good use for my new development, and I wish your healthy and elegant life with our models.

Very Sincerely Yours,

OK MODEL CO., LTD.

Mamoru Takamatsu
President.

HISTORY OF OK MODEL ............

Opened a model selling shop in 1956. Started to manufacturing the first R/C model airplane kit “PILOT ACE” in 1959. Established OK Model C., Ltd., as a manufacturer of R/C kit in 1961. In November 1961 our Yasuo Matsumoto won the first prize in Japan National R/C Aerobic Championship at Suzuka with famous "Taurus". Thence we manufactured and sold the kit of “Taurus” after approved by Mr. E. Kaziminski, the designer.

Removal to Higashi-Osaka city in 1966 where we began mass production of balsa kit and F.R.P. Fuselages as a R/C airplane kit manufacturer and firstly exported to U.S.A. It was the first time in our country that we developed Diectuct technique.

Succeeded in 1968 for mass production of A.R.F. plane and we exported big lots to U.S.A. and West Germany. In same year the best seller trainer “Junior 100” was manufactured by us for more than 30,000 kits.

Then after we promoted the development of various kinds of R/C kit, "U" Control airplane kit and Radio Control Boats etc. Keeping our efforts to develop the best plane for beginner to let him assemble easier we released “Quick Star” applied with “Snap-lock” type of plywood construction, which leads to O.B. (Quick Build) series in the way of "Ron Fly" and "Das Box Fly".

Our head office was removed to Yokonuma in Higashi-Osaka city in 1978. OK Model Co., Ltd., is going on studying every day to find the way how we can offer the best model with good design, high performance airplane, easiness in assembling and flying at the lowest possible price.

Please expect OK Models in future.

THERE ARE THREE BRANDS ........

They are divided to Ground, Sea and Sky. Each brand was started from the point that we wished to develop our models under our own deep and keen eyes. We think there may be no body who does not know "Pilot" brand as typical sign of models what means to be easy in assembling and flying, super quality and beautiful design.

"Aqua" gave a vivid breath like a water nymph to our boat world. "Speed Built" is ready to supply with various accessories including high performance racing cars. They are different in brand but have same heart. We wish to grow our brand bigger making much of heart of model.

日頃、OK模型の製品をご愛用いただきありがとうございます。作っていたく、飛ばしていたくあるための立場にあって研究開発をつけておりましょう。ここにカタログ開発に際して、検討、改良を加え、新らしい時代のあなたに満足していただける製品を開発いたしました。入門者の方からベテランの方にいたるまで、市販の製品組成と、作ってやす、飛ばしやすい、又、価格の面でも負担ある製品として、内容および品質管理については、元々ある模型ユーザーやを大切にして製品作りを行なっておきます。皆様のご批判にお支払の点は、次に開発のものとしたいと思いますので当社でご意見をお客さいますよう心よりお礼いたします。

高 松 守

OK模型のあゆみ...

昭和31年、OK模型として模型の販売店を開業…34年に初めてR/Cキットパイロットエースの製造を開始…35年株式会社OK模型設立…R/Cキットメーカーとして発足。同様に、連続で発売されたR/C曲面日本選手権大会で松本様がトーラスで出場し優勝する。その後、トーラスの設計者カスミキシー氏の設計をもとにトーラスをキット化し発売する。41年大阪府に転移、格別なR/Cキットメーカーとしてパルサーキットおよびクラストライフィト製機体の限定数量製品を制限、米国向け輸出を開始する。そのころ、わが国で初めてのダクテッドワークを発売する…43年ARF完成機の量産化に成功、米国、ドイツなどへ大量輸出を開始する。同年、製品のベストセラーキット。ジオラ100が3万枚を超え製造を突破する。その後、数々のR/Cキットをはじめ、R/Cボートなどの膨大な製品を発表し、初めにても簡単に組立できる機体の研究開発をつづけ、ベーシック製品に繋がる方程式を採用したウィッカースを発売、これはフォクスホイーラー、タックボックスラインをヘッドセラーコレシリーズに拡大する…35年来は大阪府市橋区に拡大する…OK模型は世界に先駆け、テンジンのデザイン性でプログラムを設ける。作りやすく飛ばしやすい、低価格の製品を積極的均一に日収研究開発を続けております。今後のOKをご期待ください。

ここに三つのブランドがあります...

このブランドは陸、海、空に分かれています。より深い、より厳しい海で研究開発を進めてゆかったために出発したそれぞれのブランドで、パワーボートといえども、作りやすく飛ばしやすい製品で、競技向きで、ないでしょう。アクラ、は次々の様の艦船をホットラインに作りました。スピードビット、はカートをはじめ、数々のアクセサリーを取り扱っております。これらのブランドはそれぞれがあなたの心を大切にしてこれらのブランドを大きく育ててみましょう。
Junior kits contain high quality balsa and plywood parts, spruce spars, motor mounts, durable landing gear, and it is loaded with most needed hardware. Both feature fast, easy construction and full size plans with illustrated construction guide. The Junior kits are great flying sport trainer that will make a wonderful Sunday flyer!
**R/C TRAINER MODEL SERIES**

**Trainer Model**

**FIGHTER-100**

**10 ENGINE**

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**FIGHTER 100**

The FIGHTER 100 is a shoulder wing sport trainer model using a 10 size engine and three channel radio. The FIGHTER 100 will become a favorite of many because it's shoulder wing makes for excellent flying characteristics. FIGHTER kit contain high quality balsa and plywood parts, spruce spars, motor mounts, durabale landing gear, and it is loaded with most needed hardware.

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**BABY**

The pilot baby is sports model .049 radio control balsa kit that is quite nice in appearance, and flies quite well too. Like all Pilot balsa kits this one is a beauty, with hand machined fuselage sides, ribs and fin. The hardwood die cutting is super, and you do get a hardware package with the pre formed landing gear wire, horns, nuts and bolts, and pre cut acetate windscreen.

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**FIGHTER-100**

LENGTH: 33 inches 840 mm
WING SPAN: 44 inches 1120 mm
WING AREA: 341 sq.in. 22 dm²
WEIGHT: 39 oz. 1100-1300g
ENGINE: .09-10 ENGINES: .09-10
RADIO: 3 channel RC: 3ch
LANGE: 840 mm
SPANWEITE: 1120 mm
FLACHENINHALT: 22 dm²
GEWICHT: 1100-1300g
MOTOR: 1.6-1.76cm
ERNSTEITUNG: 3 Karade

**BABY**

LENGTH: 27 inches 680 mm
WING SPAN: 38 1/2 inches 930 mm
WING AREA: 210 sq.in. 13.5 dm²
WEIGHT: 16-21 oz. 500-600g
ENGINE: .049-06 ENGINES: .049-06
RADIO: 2 channel RC: 2ch
LANGE: 680 mm
SPANWEITE: 930 mm
FLACHENINHALT: 13.5 dm²
GEWICHT: 500-600g
MOTOR: 0.6-1.0cm
ERNSTEITUNG: 2 Karade
The FORSTER is a high wing trainer model for 4 stroke engines. The high wing gives you stability. The FORSTER features tricycle landing gear for good ground handling. 4 channel radio and .45 or .60 four stroke gas engines are recommended for this plane. Kit comes with hand machined balsa rib, spruce spars, balsa fuselage parts, high quality plywood parts, bakelite mounts, durable landing gear control horns, bolts and nuts, a full size plan showing radio installation, and a construction guide.
The kit contains high quality die-cut and also hand machined balsa and plywood bulkheads. The wing is balsa and spruce spar construction. Everything is included like the hardwood engine mounts, duralumin landing gear, control horns, nuts & bolts, and a full size plan with illustrated construction guide. With a simple modification one can convert the model from a powered Delta to a glider Glider Delta. As a ridge runner, it will be exciting and fun to fly.

High Quality Balsa Kit
CUTLAS-40

CUTLAS-40
LENGTH .................................. 38 1/2 inches
WING SPAN ................................ 48 inches
WING AREA ................................ 883sq.in.
WEIGHT .................................... 83-86oz.
ENGINE .................................... 40-45cc
RADIO ........................................ 4-channel

CUTLAS-20
LENGTH .................................. 32 inches
WING SPAN ................................ 39 3/4 inches
WING AREA ................................ 635sq.in.
WEIGHT .................................... 53-56oz.
ENGINE .................................... 19.5cc
RADIO ........................................ 4-channel

LENGE ...................................... 980mm
SPANWEITE .......................... 1220mm
FLACHENINHALT ...................... 580cm²
GEWICH .................................. 2350-2450g
MOTOR ...................................... 6.6-7.5ccm
FERNSTEUERUNG ....... 4-channel

LENGE ...................................... 818mm
SPANWEITE .......................... 1010mm
FLACHENINHALT ...................... 416cm²
GEWICH .................................. 1500-1600g
MOTOR ...................................... 3.5-4ccm
FERNSTEUERUNG ....... 4-channel
The Twin Ace is a twin engined sport model for .20 size engines. Carefully designed "Twin" makes excellent flying characteristics and dynamic flight. The Twin Ace features snap lock construction for easy assembly and tricycle landing gear for good ground handling.

Like all Q.B. kit series, the balsa wood is mostly hand cut at the factory with the plywood parts being beautifully die-cut. Hardwood motor mount, steerable nose gear and heavy duty main landing gear are all included. The canopy is vacuum formed, and all necessary hardwood is included. A full size plan, radio installation instructions and an illustrated construction guide will all make this an easy model to build.
03002

The Rainbow-30 is a high wing that’s tricle landing gear makes good ground handling. The Rainbow-30 features snap lock construction for easy assembly and can be flown with 3 channels (but it is best with 4) and any good .19 to .25 gas engine.

LENGTH............38-3/8 inches
WING SPAN...........52-3/8 inches
WING AREA............485 sq.in.
WEIGHT..............66-600z.
ENGINE...............18, .25
RADIO.................3-4 channel

LÄNGE..................975mm
SPANNWEITE...........1330mm
FLÄCHENINHALT.......30d㎡
GEWICHTE.............1600-1700g
MOTOR..................3-6-55ccm
FERNSTEUERUNG......3-4kmile
The Attacker-28 is a model for you who want a fast building low winger capable of most all pattern maneuvers using only 4 channels. The kit comes complete with all hardware, vacuum formed canopy and beautiful die cut balsa ribs. Great for the new modeler who wants his first building experience. The Attacker-28 can be flown with only 3 channels (but it is best with 4) and any good .19 to .25 gas engine.
**R/C HIT KIT SERIES**

**HIT KIT SERIES**

Airplanes are the advanced modes of O.B. Series Kits. All of these kits were specially designed for the modeler who wants to build up a fine model fast, with a minimum amount of work, yet have a good flying model when he is finished.

All of these kits feature a "Snap-Lock" type of construction which means that the fuselage, for example, is already die cut to accept the formers. These snap into notches in the fuselage in exactly the correct positions. All with out checking the plans! The same is true for the wing and stabilizer construction. These kits are truly a "Snap" to build! Also, because of the special design like the O.B. series, covering is easy using Kwik Cote, Monokote or your favorite covering material.

**FEATURES**

- Exact die-cut plywood fuselage sides and balsa ribs
- Beautiful hand machined balsa parts
- Fuel tank
- Durable landing gear
- Control horns and other necessary accessories
- Full size plans with radio installation guide
- Fully illustrated construction guide

**The California 28**

Is a shoulder wing sport model using 19.25 size engine and four channels radio (although it can be flown on 3 channels if you want). Like all Hit kit series, the balsa wood is mostly hand cut at the factory with the plywood parts and balsa wing ribs being beautifully die-cut. Hardwood motor mount, fuel tank, steerable nose gear, heavy duty main landing gear and all necessary hardwood is included. A full size plan, radio installation instructions and an illustrated construction guide will all make this an easy model to build.

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>37-1/2 inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>WING SPAN</td>
<td>52 inches</td>
</tr>
<tr>
<td>AREA</td>
<td>46 square in.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>56-60 oz.</td>
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<tr>
<td>ENGINE</td>
<td>19.25</td>
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<tr>
<td>RADIO</td>
<td>4 channel</td>
</tr>
<tr>
<td>FULL SIZE</td>
<td>950mm</td>
</tr>
<tr>
<td>SPANNWEITE</td>
<td>1320mm</td>
</tr>
<tr>
<td>FLÄCHENINHALT</td>
<td>28.55m²</td>
</tr>
<tr>
<td>GEWICHT</td>
<td>1600-1700</td>
</tr>
<tr>
<td>MOTOR</td>
<td>3.5-5.0</td>
</tr>
<tr>
<td>FERNSTEUERUNG</td>
<td>3-4kanal</td>
</tr>
</tbody>
</table>
The Q.B. (Quick Built) 10H kit has exact die-cut plywood fuselage sides and bulkheads that are made to assemble with a "lock-in" feature that not only makes it very easy to build but also will give you a true structure. The ribs are machined cut balsa and with spruce spars you can build the wing fast. This a 10 sized model that uses ailerons and elevator and for a third channel you may have engine throttle control. You get hardwood engine mounts, durable landing gear, control horns, bolts and nuts, a full size plan showing radio installation, and a construction guide. The model is designed so that you can easily get good results when using the plastic covering materials like Kwik Cote.

**Dimensions:**

- **Length:** 29 inches (735 mm)
- **Wing Span:** 39 inches (990 mm)
- **Wing Area:** 248 sq. in. (1664 sq. cm)
- **Weight:** 26-28 oz. (750-800 g)
- **Engine:** .09-10
- **Radio:** 3 channel

**Specifications:**

- **Länge:** 735 mm
- **Spannweite:** 990 mm
- **Flächeninhalt:** 1664 cm²
- **Gewicht:** 750-800 g
- **Motor:** 1.6-1.76 cc
- **Fernsteuerung:** 3kanal
The Q.B. 10L is a low wing sport model for a 10 size engine that features aileron and elevator control, and throttle can be used. This is a sport model that will really give big airplane performance. The fuselage sides and bulkheads are exactly die cut plywood and the ribs are balsa machine hand cut. Most all hardware is included and covering is easy on this model with the plastic films such as Kwik Cut. If you're looking for an attractive sport low wing 10 size model, you're certain to want the Q.B. 10L.

LENGTH ........................................... 735mm
WING SPAN ................................. 29 inches  735mm
WING AREA ...................................... 248 sq.in.
WEIGHT ........................................... 26-28oz.
ENGINE ......................................... .09-10
ENGINE ......................................... 750-800g
RADIO ........................................... 3 channel

LENGTH ........................................... 29 inches
WING SPAN ................................. 9.000 inches
WING AREA ...................................... 248 sq.in.
WEIGHT ........................................... 26-28oz.
ENGINE ......................................... .09-10
ENGINE ......................................... 750-800g
RADIO ........................................... 3 channel
The Q.B. 15H-II has all the great Quick Building Features, plus an almost total hardware package, and makes a fine model for one who wants only three channels in first effort model by yourself. The Q.B. 15H-II is a cabin type of model plane with tricycle landing gear for better handling on the ground. For two channels you’ll have rudder and elevator and by adding the third channel you will also have motor control.

LENGTH............. 36 1/2 inches
WING SPAN......... 49 3/8 inches
WING AREA......... 409 sq in.
WEIGHT............. 44 49 oz.
ENGINE............. 15
RADIO.............. 2-3 channel

全長.............. 925mm
巾................. 1260mm
主翼面積........... 26.4dm²
全備重量........... 1350-1400g
エンジン............ 15
RCメカ.............. 2-3ch

LÄNGE............. 925mm
SPANNWEITE........ 1260mm
FLÄCHENINHALT..... 26.4dm²
GEWICHT........... 1350-1400g
MOTOR............... 2.4ccm
FERNSTEUERUNG.... 2-3kanäle
The Q.B. 20S-II will become a favorite of many because it is so easy and quick to build, and because its shoulder wing makes for excellent flying characteristics. The 20S can be flown with only 3 channels (but it is best with 4) and any good .18 or .20 gas engine. You will really like the Q.B. 20S-II.

LENGTH ............ 37-1/2 inches
WING SPAN ........... 52 inches
WING AREA .......... 426 sq.in.
WEIGHT ............. 51-54 oz.
ENGINE ............. 20
RADIO ............. 3-4 channel

LENGTH ............ 955 mm
WING SPAN ........... 1320 mm
WING AREA .......... 426 sq.in.
WEIGHT ............. 1450-1550 g
ENGINE ............. 20
RADIO ............. 3-4 channel

LANGE ............ 955 mm
SPANNWEITE ........ 1320 mm
FLACHENINHALT ... 27.5 dm²
GEWICHT ........... 1450-1550 g
MOTOR ............. 3.5 cm
FERNSTEUERUNG ... 3-4Kanäle
The Q.B 20H-II is perfect for the modeler who wants a realistic looking plane that is easy to build and fly. The high wing gives you both the realistic appearance and stability you want. The Q.B 20H-II features snap lock construction for easy assembly and tricycle landing gear for good ground handling. For 3 or 4 channel radios and any good .19 or .20 gas engine.

LENGTH .................. 955mm
WING SPAN ................ 1320mm
WING AREA ................. 426sp.in.
WEIGHT ........... 1450-1550g
ENGINE ...................... 20
RADIO ....................... 3-4 channel

LENGTH .................. 37.1/2 inches
WING SPAN .................. 52 inches
WING AREA ................. 426 square inches
WEIGHT .................. 1450-1550 grams
ENGINE ...................... 20
RADIO ....................... 3-4 channel

Q.B-15Hに続く20クラスの練習機で中型トレーナー機の決定版です。正確な材料加工と独特な組み込み式の工作法により、美しく、早くしかも丈夫な機体を組立てることができます。可動式ノーズギヤ装備により等著の容易さと、近代的なイメージをとり入れております。フィルム作りで仕上げることができるので、めんどうな塗装は不要です。エンジンの取付けは、ラジアルマウントを使用していますので、ガッチャと取付けることができます。このQ.B 20Hであなたのフライトの腕前を上げてください。
All of the Quick Built Series of kits, designated by the letters “QB” kits were specially designed for the modeler who wants to build up a model fast, with a minimum amount of work, yet have a good flying model when he is finished. All of these kits feature a “Snap-Lock” type of construction which means that the fuselage, for example, is already die cut to accept the formers. These snap into notches in the fuselage in exactly the correct positions, all without checking the plans! The same is true for the wing and stabilizer construction. These kits are truly a “snap” to build! Also, because of the special Quick Built design, covering is easy using Kwik Cote, Monokote or your favorite covering material. The QB designed kits are a lot of kit for the money!
The Q.B. 20L II is a model for you who want a fast building low winger capable of most all pattern maneuvers using only 4 channels. The kit comes complete with all hardware, vacuum formed canopy and beautiful die cut balsa ribs. Great for the new modeler who wants his first building experience.

Sporty Model

**Q.B. 20L II**

04004

<table>
<thead>
<tr>
<th>Length</th>
<th>37.1/2 inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wing Span</td>
<td>52 inches</td>
</tr>
<tr>
<td>Wing Area</td>
<td>426 sq.in.</td>
</tr>
<tr>
<td>Weight</td>
<td>51-54oz.</td>
</tr>
<tr>
<td>Engine</td>
<td>.20</td>
</tr>
<tr>
<td>Radio</td>
<td>3-4channel</td>
</tr>
</tbody>
</table>
The Q.B. 40S is a shoulder wing sport model using a .40 size engine and four channels radio (although it can be flown on 3 channels if you want). Like all Q.B. kit series, the balsa wood is mostly hand cut at the factory with the plywood parts having beautifully die-cut. Hardwood motor mount, steerable nose gear and heavy duty aluminum main landing gear are all included. The canopy is vacuum formed, and all necessary hardwood is included. A full size plan, radio installation instructions and an illustrated construction guide will all make this an easy model to build.
The Q.B. 60 MONSTER is one of the most versatile R/C models you'll ever find. The really nice part is that this kit is one of the Q.B. series, and that means quick, easy building due to their special fast construction design techniques. The kit comes complete with hand machined balsa parts and drop-out die-cut wood parts for the fuselage. The wing is balsa and hardwood and is designed to go together quick and easy.

As pictured, you can build the MONSTER and fly it at your favorite flying site for pure enjoyment. With the 7 foot wing it will be very docile at half throttle and will make a fine trainer.

For those who want more, you can add a camera in the roomy fuselage, remove the hatch door, and take exciting aerial photographs. With the bottom hatch in place, you can carry a payload of surprises or practice bomb drops. The hatch can be opened on command in the air using an extra servo. All parts for hatch operation are included in the kit (servo not included).

For some real fun, how about carrying a R/C glider aloft? For again, the MONSTER kit comes with all needed metal and wood parts for the glider launch pad. One MONSTER at a launching site could spend the entire day getting gliders airborne. It's got to be more fun than a high start!

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**04008**

LENGTH: 57-1/2 inches  
WING SPAN: 83 inches  
WING AREA: 1085 sq. in.  
WEIGHT: 98-140 oz.  
ENGINE: .60  
RADIO: 4-channel

**Q.B. 60 MONSTER**

LENGTH: 1460mm  
SPAN: 2110mm  
WING AREA: 70dm²  
WEIGHT: 3800-4000g  
ENGINE: .60  
RADIO: 4-channel  
LASER: 1480mm  
FLATHECHT: 70dm³  
WEIGHT: 3000-4000g  
MOTOR: 10cm  
RADIO: 4-kanäle
パイロットのクイックビルト・シリーズの怪物モンスターは、クイックビルトの基本思想にプラス、ダイナミックな楽しさを伝えてくれます。組立てはクイックビルトでおなじみの組み込み式ですのでこの大きなモンスターでも簡単に製作でき、フィルム巻きでの仕上げで短時間で仕上げることができます。これ模擬の飛ばし方もいろいと、こちらのようにクライダーを空中に搭載してゆっくりと昇せてゆきます。上空で風向きに正に対したところでクライダーを離脱、あとは2人のパイロットがそれぞれの機体の飛行を楽しむ！

このモンスターの胴体は6チャンネルのメカを積み込んでもまだまだスペースがあります。そこで胴体の下にハッチを取り付け、開閉できるようにリモコンをします。パラシュートやキャンディーを上空からというのはどうでしょう。あるいは35mmカメラでも楽に入ってしまうので、上空からの空中撮影も楽しいものです...

キットには、これらに必要なパーツが入っていますのでいろいろと楽しんでください。大空の楽しさを無限に創造できる多用途機モンスターで大空の夢は無限に広がります。

WHAT CAN YOU THINK OF?
The Model That Does It All!
High Quality Balsa Kit
AERONCA CHAMPION-20

This kit contains very high quality parts that have been mostly hand-cut, making assembly a real pleasure. The wing and fuselage are of high quality balsa, spruce and plywood. Included are the motor mount, landing gear, formed plastic canopy, plastic cowl, color decals, full size plans and illustrated construction guide. The AERONCA makes a neat plane to build, and even more fun to fly!

LENGTH: 34-1/4 inches
WING SPAN: 52-3/4 inches
WING AREA: 418 sq. in.
WEIGHT: 53-63 oz.
ENGINE: 15-20
RADIO: 3 channel

05001

LÄNGE: 870mm
SPANNWEITE: 1340mm
FLÄCHENINHALT: 27dm²
SCHWEISSTENGE: 15-20
RC-MODELL: 5ch

15-20 ENGINE
The Q.B. CESSNA 20 kit is loaded with goodies like a full color decal set, big vacuum formed front windscreens and "pop-in" vacuum formed side windows. The cowl is vacuum formed which helps make construction much easier. The steerable nose wheel bracket, dural aluminum landing gear and all other necessary hardware is also included. The wood parts are magnificent, being mostly hand cut. The plywood parts are so precisely die-cut they will fall out at a touch! A full size plan is included with step by step photographs showing construction. For real relaxation, and a great flying, nice looking model, consider the Q.B. CESSNA 20.

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>381/2 inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>WING SPAN</td>
<td>531/2 inches</td>
</tr>
<tr>
<td>WING AREA</td>
<td>427 sq.in.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>53-69 lbs.</td>
</tr>
<tr>
<td>ENGINE</td>
<td>20</td>
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<tr>
<td>RADIO</td>
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</tr>
<tr>
<td>LENGTH</td>
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<tr>
<td>Span</td>
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<tr>
<td>Control</td>
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</tbody>
</table>

Note: "Q.B." stands for "Quick Build".
The Akromaster-20 is a sports scale model of Spinkie Akromaster. This model can be all pattern maneuvers using 3 channels or 4 channels and .20 size gas engine. Kit features snap lock construction and vacuum formed plastic cowling for easy to build. The Akromaster-20 also features pre-formed plastic canopy, wheel spats and authentic scale decals for realistic appearance.

LENGTH ............. 38 inches
WING SPAN ......... .53-1/2 inches
WING AREA .......... 418 sq.in.
WEIGHT ............ .52-56 oz.
ENGINE .......... 19.25
RADIO ............. 3-4 channel

LANGE ............. 990mm
SPANWEITE ........ 1360mm
FLÄCHENINHALT .... 27 dm²
GEWICH .... 1500-1600g
MOTOR .......... 3.5-6 cc
FERNSTEUERUNG .... 3-4 kanäle
QuickBuilt Series
PIPER CUB J-3 20

This is a scale model of famous Piper Cub J-3. Model features snap lock construction, vacuum formed plastic cowl, front wind screen and “pop-in” side windows for easy construction. Kit also features durable scale sized main landing gear and full color decals which help make scale appearance.

05004

LENGTH ............ 34-3/8"/880mm
WING SPAN ............ 55"/1400mm
WING AREA ............ 449 sq."/63-56 oz.
WEIGHT ............ 200g/1500-1600g
ENGINE ............ 19-25
RADIO ............ 3-4 channel

LANGE ............ 880mm
SPANNWEITE ............ 1400mm
FLÄCHENINHALT ............ 29dm²
GEWICHT ............ 1500-1600g
MOTOR ............ 3,5-5cm
FERNSTEUERUNG ............ 3-4 kanäle
The Pitts is a most popular home built aerobatic biplane. Pilot's Pitts S-2A is excellent scale model for 19 to 40 class engine and 4 channels radio (although it can be flown on 3 channel). Kit features snap lock construction and vacuum formed plastic cowling for easy and fast construction. Also, kit features fully illustrated instruction and full size plan with radio installation map. Two different scheme decals helps your model be a real scale!
Quick Built Series
PITTS S-2A 20
05007

19-25 ENGINE

PITTS S-2A 10
05017
09-15 ENGINE

81 NEW

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>PITTS S-2A 10</th>
<th>PITTS S-2A 20</th>
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<tr>
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<td>FERNSTEUERUNG</td>
<td>3-4kanüle</td>
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</tr>
<tr>
<td>RC MOKA</td>
<td>3-4kanüle</td>
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</table>

スケールモデル
ピッツ 20型

スケールモデル
ピッツ 10型
Quick Built Series
FAIRCHILD PT-19 20

Fairchild PT-19 is one of the famous U.S. Army's trainer at W.W.2. Model features snap lock construction and vacuum formed plastic cowling for easy construction. Also, kit features see-thru plastic wind shield and authentic scale full colored decals for scale appearance. It is fully aerobatic using with 4 channels (although it can be flown on 3 channels if you want) and any good .19 to .25 gas engine.

LENGTH: 38-1/8 inches  WING SPAN: 52-3/8 inches
WING AREA: 410 sq. in.  WEIGHT: 60-48 oz.
ENGINE: .16-.29  RADIO: 3-4 channel

U.S.A.R

LANGE: .995mm  SPANNWEITE: 1330mm
GEWICHT: 1700-1850g  MOTOD: 3.6 x 6mm

PILOT
R/C SCALE MODEL SERIES
19 -25 ENGINE

05005
The Zlin Akrobat is a famous Czech aerobatic plane. Pilot's very close-to-scale model can be all aerobatic using only 3 channels (but it is best with 4 channels) and .19 to .25 engine. Kit features snap lock construction and sharply vacuum formed plastic cowling for easy to build. Also, it features formed see-thru clear plastic canopy and full colored scale decals for excellent scale appearance.
The Piper Tomahawk is one of the newest model of Piper Aircraft. Kit features snap lock construction and vacuum formed plastic cowling & canopy for easy to build. Kit also features all parts for it's unique "T" tail linkage and realistic scale decals. For 3 or 4 channels and any .19 to .25 gas engine.

LENGTH ........... 39inches
WING SPAN ....... 38-3/4inches
WING AREA ....... 419sq.in.
WEIGHT ........... 61-65oz.
ENGINE ........... 19-25
RADIO ............. 3-4channel

LENGTH ........... 990mm
全長 ............ 1440mm
SPANNWEITE ....... 1440mm
FLACHENINHALT ...... 27dm²
GEWICHT ........... 1750-1850g
MOTOR ........... 3,8-5ccm
FC .............. 3-4kanäle

スケールモデル
バイパー・トマホーク 20
The Bücker Jungmeister is a German advanced trainer at W.W.II. The model is a biplane for a 19 to 25 gas engine and can be flown only 3 channels (but it is best with 4). Kit features snap-lock construction and vacuum formed plastic cowlings for easy to build. Kit also features all wing struts, scale undercarriage, scale decals.

**05010**

| LENGTH | .36-1/4 inches |
| WING SPAN | .42 inches |
| WING AREA | 522 sq. in. |
| WEIGHT | .61 lb. |
| ENGINE | .25 |
| RADIO | 3-4 channel |

| LÄNGE | 920mm |
| SPANNWEITE | 1070mm |
| FLÄCHENINHALT | 33.7 dm² |
| GEWICHT | 1750-1850g |
| MOTOR | 3.5 6ccm |
| ERNSTEUERUNG | 3-4 Kanäle |
Pilot R/C Scale Model Series

Quick Built Series

CITABRIA-20

19-25 ENGINE

05008

The Bellanca CITABRIA is a high wing aerobatic plane. The Cilabria kit has exact die-cut plywood fuselage sides and bulkhead that are made to assemble with a "lock-in" feature that not only makes it very easy to build but also will give you a true structure. The Cilabria is a high wing that's stable and good for a beginner or an scale flyer looking for some fun with a .20 size model.

LENGTH..............34-1/4 inches
WING SPAN ...........53-3/4 inches
WING AREA ............44 sq.in.
WEIGHT ...............55-61 oz.
ENGINE ..............19-25
RADIO ..............2-channel

LÄNGE ..............870mm
SPANNWEITE ..........1365mm
FLACHENINHALT .......28.5dm
GEWICHTE .............1600-1750g
MOTOR ..............3.5-5cc
FERNSTEUERUNG .......3-4kanals

The Bellanca CITABRIA is a high wing aerobatic plane. The Cilabria kit has exact die-cut plywood fuselage sides and bulkhead that are made to assemble with a "lock-in" feature that not only makes it very easy to build but also will give you a true structure. The Cilabria is a high wing that's stable and good for a beginner or an scale flyer looking for some fun with a .20 size model.

LENGTH..............34-1/4 inches
WING SPAN ...........53-3/4 inches
WING AREA ............44 sq.in.
WEIGHT ...............55-61 oz.
ENGINE ..............19-25
RADIO ..............2-channel

LÄNGE ..............870mm
SPANNWEITE ..........1365mm
FLACHENINHALT .......28.5dm
GEWICHTE .............1600-1750g
MOTOR ..............3.5-5cc
FERNSTEUERUNG .......3-4kanals

The Bellanca CITABRIA is a high wing aerobatic plane. The Cilabria kit has exact die-cut plywood fuselage sides and bulkhead that are made to assemble with a "lock-in" feature that not only makes it very easy to build but also will give you a true structure. The Cilabria is a high wing that's stable and good for a beginner or an scale flyer looking for some fun with a .20 size model.

LENGTH..............34-1/4 inches
WING SPAN ...........53-3/4 inches
WING AREA ............44 sq.in.
WEIGHT ...............55-61 oz.
ENGINE ..............19-25
RADIO ..............2-channel

LÄNGE ..............870mm
SPANNWEITE ..........1365mm
FLACHENINHALT .......28.5dm
GEWICHTE .............1600-1750g
MOTOR ..............3.5-5cc
FERNSTEUERUNG .......3-4kanals

The Bellanca CITABRIA is a high wing aerobatic plane. The Cilabria kit has exact die-cut plywood fuselage sides and bulkhead that are made to assemble with a "lock-in" feature that not only makes it very easy to build but also will give you a true structure. The Cilabria is a high wing that's stable and good for a beginner or an scale flyer looking for some fun with a .20 size model.
The Cessna 152 is the most popular training airplane in the world. Kit features snap lock construction and vacuum formed plastic cowl & windows for easy to built. Kit also features realistic stickers and instrument panel. You can easily get good flying and good scale looking.

**Quick Built Series**

**CESSNA-152 20**

**19-25 ENGINE**

20クラス スケールモデル セスナ 152

セスナ152は、19年間も作り続けてきたセスナ150シリーズの発展型として生まれた機体で、パイロットはその実機をもとにあらゆる資料を集め、実感あふれるセスナ152をスケールダウンしました。

| LENGTH | 37 1/4 inches | 940mm |
| WING SPAN | 55 inches | 1400mm |
| WING AREA | 434 sq.in. | 28dm² |
| WEIGHT | 66-61oz. | 1600-1750g |
| ENGINE | 19-25 | 19-25 |
| RADIO | 3-4 channel | R/Cメカ | 3-4ch |
| LÄNGE | 940mm |
| SPANNINHALT | 1400mm |
| FLÄCHENINHALT | 28dm² |
| GEWICHT | 1600-1750g |
| MOTOR | 3.5-5cm |
| FERNSTEUERUNG | 3-4kanäle |
Pilot R/C Scale Model Series

General Dynamics F-16A

19-25 ENGINE

The General Dynamics F-16A is one of the newest jet fighters of the USAF. This model can be all pattern maneuvers using only 3 channels and a 19 to 25 gas engine. Retractable landing gears could be installed (not included in the kit). Kit comes complete with wooden parts, hardware, vacuum formed plastic canopy & exhaust pipe, beautiful authentic color decals, special made aluminum spinner and fuel tank. A full size plan, radio installation instructions and an illustrated construction guide will all make this an easy model to build.

LENGTH: . . . 44-1/4 inches
WING SPAN: . . . 36-1/2 inches
WING AREA: . . . 367 sq.in.
WEIGHT: . . . . . 70-75 oz.
ENGINE: . . . . . . 19-25
Radio: . . . . . . 2-channel

LENGTH: . . . 1125mm
SPAN: . . . . . 900mm
WING AREA: . . 23.76 sq.m
WEIGHT: . . . . 2000-2150g
ENGINE: . . . . . . 19-25
RC: . . . . . . 2 channel

LANGE: . . . . . 1125mm
SPANWELLE: . . . 900mm
FLÄCHE: . . . . 23.76m²
Gewicht: . . 2000-2150g
MOTOR: . . . . 3.5-5cm
RC: . . . . . . 2 Kanäle
PILOT
R/C SCALE MODEL SERIES

MITSUBISHI A6M3 ZERO SEN

Q.B. S series

19-25-35
2-CYCLE ENGINE

30-35-40
4-CYCLE ENGINE

20クラス スケールモデル
ゼロ戦 22型

“ZERO” is the most famous Japanese Navy fighter W.W.II. Pilot’s kit is 1/7 scale model of “ZERO Typ 22” (A6M3). Kit features newly diecast plywood parts, beautiful machined balsa parts, formed A.I.S. plastic cowling, formed clear plastic canopy, plastic body parts. Includes paint guide, frets, decals, instrument panel. 6oz. fuel tank. synthetic landing gear. Full size plan, and shortened instructions from printed.

05012

Q.B.シリーズは作りやすさと魅力化に重視し、Q.Bシリーズのベニヤを主体にしたキットと異なり強度の高い塗り付けバルサを使用しております。スケール感ではゼロ戦22型を細部まで忠実に再現するため、プラスチック製のウイング、キャビン、エンジン、ピットなどを使用。又、仕上がりを引き立てるカラー系をエッチングステッカーなど、さらに引継作戦ができる設計になっています。

LEN DEN... 37 inches 84cm LANGE... 940mm
WIN G SPAN... 52 inches 132cm SPANNINHALT... 1320mm
WIN G AREA... 425 sq.in. 2740 sq.cm FLÄCHENINHALT... 2740 sq.cm
WEIGHT... 70-77 oz. 2009-2200g WEG... 2009-2200g
ENGINE... 19-25-35 エンジン... 19-26-35 MOTOR... 3.5-5.8cc
RADIO... 3-8ch R C車... 3-8ch TEINSTEUERUNG... 3 Schachtel
SUPERMARINE SPITFIRE Mk II

The Supermarine Spitfire is the most famous English fighter of WWII. It was designed by Reginald J. Mitchell and made its first flight on 5 March, 1936. The Pilot's Spitfire kit is the model of Type NK XA, that is remembered above all for winning the battle of Britain together with the Hurricanes. This detailed scale model contains carbon fiber fuselage & wing, vacuum formed plastic cowling, clear plastic canopy, radiator cover, oil cooler and dummy spinner for easy to build. Kit also features authentic full-scale color stickers and instrument panel.

19-25-35
2-CYCLE ENGINE

30-35-40
4-CYCLE ENGINE

LENGTH: 37.1/4inches
WING SPAN: 49inches
WING AREA: 410sq.in.
WEIGHT: 70-77oz.
ENGINE: 19-25-35
RADIO: 3-5channel

34
**Pilot R/C Scale Model Series**

**MEISSERSCHMITT Me109E**

The Messerschmitt BF 109 was the most famous German fighter of the WW2. It's first flight was made in September 1935, and over 33,000 were built in the war. The Pilot's kit is a really scale downed "E" type that was principal version in the Battle of Britain. Kit featured step-look construction balsa fuselage & wing, vacuum formed plastic cowling, steer plastic canopy, radiator cover, oil cooler and dummy spinner for every in build. 

Kit also features authentic full scale color stickers and Instrument panel.

**Specifications:**

- **Length:** 36inches
- **Span:** 47.12inches
- **Area:** 385.2in²
- **Weight:** 70.77oz
- **Engine:** 19-25-35 2-Cycle Engine
- **Radio:** 3-Channel

**Dimensions:**

- **Length:** 970mm
- **Span:** 1200mm
- **Area:** 24.16m²
- **Weight:** 2000-2200g

**Motor:** 4.5-6.0cc

**Fernsteuerung:** 3-8.0cc
De Havilland TIGER MOTH

The De Havilland TIGER MOTH was the most popular and most famous British training plane at W.W.II. The first flight of Tiger Moth was 1931, and nearly 50 years later many of surviving machines are flying as civil plane. The pilot’s kit is model of type D.H. 82A, powered by D.H. Gipsy. Kit featured snap lock construction balsa fuselage & wing and vacuum formed plastic cowl for easy to build. Kit also features authentic full scale color stickers and realistic instrument panels.

Q.B. S series

19-25-35 2-CYCLE ENGINE
30-35-40 4-CYCLE ENGINE

LENGTH ........... 27 inches
WING SPAN .......... 47 inches
WING AREA .......... 620 sq. in.
WEIGHT ........... 70-77 lbs.
FLIGHT TIME ........ 25 min.
RADIO ............ 3+channel

LANGUAGES .......... English
SPANNINHALT ........ 1100 mm
FLÄCHE/NHALT ........ 400 mm
GEWICHT ........... 2000-2200 g
MOTOR ........... 1 x 70 hp. Reva
PENSSTEUERUNG ....... 3.4-kanal
The Christen Eagle is one of the latest aerobatic biplane of the U.S.A. and used by Eagles Aerobatic Team. Kit scale downed Eagle's simple & beautiful out looking and keep good maneuverability and stability of full size plane. Kit features snap lock construction and vacuum formed plastic cowl & canopy for easy construction. Kit also features authentic color stickers and instrument panel for realistic scale finish.
The Spinks Akromaster is a low wing sports scale model. This model can be all pattern maneuvers using 3 channels or 4 channels and .40 to .45 size gas engines. Kit features snap lock construction and vacuum formed plastic cowling for easy build. The Spinks Akromaster also features pre-formed plastic canopy, wheel spats and authentic scale decals for realistic appearance.

LENGTH: 47-1/2 inches
WING SPAN: 65 inches
WING AREA: 573 sq. in.
WEIGHT: 95-100 oz.
ENGINE: .40-.45
RADIO: 3-4 channel

LANGE: 1210mm
SPANNEITWE: 1650mm
FLÄCHENINHALT: 376m²
GEWICHT: 2700-3000g
MOTOR: 40-45
R/C メカ: 3-4ch
Pilot has really done a magnificent job in kitting one of the most historic biplanes in aviation - The Tiger Moth! This is a balsa, radio control scale biplane that you will have loads of fun building. It is a great kit to build, and even more fun to fly because it is extremely stable. Any four channel radio will fit into the Tiger Moth. It is fully aerobatic, and would be great for a free style type of flying event.

High Quality Balsa Kit
TIGER MOTH

LENGTH
WINGSPAN
WING AREA
WEIGHT
ENGINE
RADIO

41 inches
52-1/2 inches
1800 sq.in.
14 lbs.
40-45 cu. cm
3 channel

1.45mm
130mm
51.8m²
51.8m²
2000-2500g
46-48g
2-4ch
07002
The Bücker Jungmann is famous German sports biplane. This 7" wing span model is 1/3.5 full scale that designed for 10cc to 30cc engine. Really scale downed model can be easily build by snap lock construction and precisely formed plastic parts. Kit feature all necessary hardware and authentic scale decals.

ENGINE 10 to 30cc

LENGTH . . . . . 73inches
WING SPAN . . . 83inches
WING AREA. . . 1780sq.in.
WEIGHT . . . 210-240oz.
ENGINE . . . 10-30cc
RADIO . . . . . . . . . . 4 channel

LÄNGE ............ 1860mm
SPANNINHALT .... 2110mm
FLACHENINHALT . 115dm²
GEWICHT ........ 6000-7000g
MOTOR ......... 10-30cc
FERNSTEUERUNG . . 4 Kanäle
The Pitts S-2A is one of the most popular aerobatic biplane in the world. This 68-1/2" wing span model is 1/3.5 full scale model for 10cc to 30cc engine. Really scale downed model can be easily build by snap lock construction and precisely formed plastic parts. Kit features all necessary hardware and authentic scale decals.

LENGTH ............... 58inches
WING SPAN ....... 68-1/2inches
WING AREA ......... 1472sq.in.
WEIGHT ............ 210-140oz.
ENGINE ............ 10-30cc
RADIO .............. 4channel

LANGE ................. 1470mm
SPANNINHALT .......... 1740mm
FLACHENINHALT ....... 95dm²
GEWICHT ............. 6000-7000g
MOTOR .............. 10-30cc
FERNSTEUERUNG ....... 4kanäle
The Bellanca Decathlon is the unique high-wing aerobatic plane, the progressive version of famous Champion and Citabria. The Pilot's model is perfectly scale downed from original factory plan to 1/4 big size model. Kit included all necessary balsa, ply, hard wood, vacuum formed plastic and hardware parts for perfect scale model building. The Decathlon is a perfect scale model for scale modelers looking for some good scale flying with a big size model.

LENGTH: 60 inches
WING SPAN: 95 1/3 inches
WING AREA: 1510 sq.in.
WEIGHT: 190-210 oz.
ENGINE: 10-30cc
RADIO: 4-channel

LENGTH: 1633 mm
SPAN: 2438 mm
FLAP AREA: 986 sq.mm
WEIGHT: 5000-6000 g
ENGINE: 10-30 cc
RADIO: 4-channel

LENGTH: 1630 mm
SPAN: 2438 mm
FLAP AREA: 986 sq.mm
WEIGHT: 5000-6000 g
ENGINE: 10-30 cc
RADIO: 4-channel
The Big Rainbow is a big 100” wing span high wing model for .60 engines with reduction unit. The Pilot’s REDUCT DRIVE is best fit for the Big Rainbow. Kit features snap-lock fuselage structure and vacuum formed plastic cowling for easy construction, and big vacuum formed front wind screen and “pop-in” vacuum formed side windows. The Big Rainbow is a high winger that’s stable and good for a Sunday flyer looking for some fun with a big size model.

<table>
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<tr>
<th>LENGTH</th>
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<tbody>
<tr>
<td>WING SPAN</td>
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<tr>
<td>WING AREA</td>
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<tr>
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<td>ENGINE</td>
<td>10-20cc</td>
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<tr>
<td>RADIO</td>
<td>6 channel</td>
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<table>
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<tr>
<th>LÄNGE</th>
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<tbody>
<tr>
<td>SPANNWEITE</td>
<td>2500 mm</td>
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<tr>
<td>FLÄCHENINHALT</td>
<td>1000 m²</td>
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<td>GEWICHT</td>
<td>5500-6000 g</td>
</tr>
<tr>
<td>MOTOR</td>
<td>10-20 cc</td>
</tr>
<tr>
<td>FERNSTEUERUNG</td>
<td>5 channel</td>
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To send full message of the heart of models.

It is quite regret to say that there appeared a great number of scale models around us by an uncertain compromise that they are allowable under the name of "Scale Model".

We are endeavouring in a design spirit how faithfully we could actualize the real atmosphere and ability in our models without adopting simple scale-down method.

Original plan, picture taken from every angle, big and detailed data up to small parts and a colour scheme for painting etc. ........ we use all data before decide new design and manufacture. Such a compromise as "Scale Model" must be driven away from our wills. It is our design policy that we have included in kit a full size plan, instruction with radio installation map, —original plane's three view drawing and a construction informing in details even for painting examples, for which we hope our customers to understand the heart of model and to enjoy the atmosphere of scale model in faster and more correct way.

Please enjoy the real atmosphere of modeling by our scale models.

模形の心を余すところなく伝えるために

スケールという名のもとに模形だから許されるというあいまいな妥協心によって、いかに多くのスケールモデルが登場したか…。私達のスケールモデルは単なるスケールダウン方式によってではなく、いかに忠実に、そして、いかに性能をそこなわず、実機のモータ雲間気と性能を余すところなく伝えるか、という設計思想において大いなる苦労を続けてい

るのです。実機の三面図、外形図、またはパイロット、モータ雲間気、翼の構造、パーツにいたるまでの膨大で細かな資料、塗装にいたるまでの資料…etc。私達はあらゆる資料をもとに設計、製
作に着手します。模型だから許されるという妥協心は断じて
排除しなければいけません。

私達が原寸の設計図、組立てから塗装まで、実機の三面図や製造図まで詳しに書かれた説明書をキットに入
れているのは、これからこうした模型の心をお客様にご理
解いただくためのものです。より早く、より正確に、そしてよりス
ケールの雲間気を楽しんでいただくようにという私達の設計
ポリシーからなのです。当社のスケールモデルで模型の真髄
を心ゆくまでお楽しみください。
Motor Glider
AS-K14

The AS-K14 is an A.R.F., powered glider that is extremely docile in flight, and it is real fun to fly! It is a nice looking model both on the ground and in the air, but its biggest attraction is that it is an Almost Ready To Fly Model! You will love the fact that the wings are hand built and covered, and that the fin and stab are shaped and covered and ready to hinge the control surfaces. If you have ever wanted to fly a powered glider without the bother of a big building project, then the AS-K14 is for you!

LENGTH .............. 28-1/4 inches
WING SPAN ............ 48 inches
WING AREA ............ 254 sq.in.
WEIGHT ............... 21-24 oz.
ENGINE ............... 0.49
ENGINE ................ 2channel

LARGE ................. 730mm
SPANWEITE ............ 1220mm
FLACHENINHALT ....... 19dm²
GEWICHT .............. 600-700g
MOTOR ................. 0.49-06
HERSTELLUNG ........... 2channel
R/C ALMOST READY TO FLY

Trainer Model
TRYSTAR-10

10 ENGINE

TRYSSTAR-10
The Trystar-10 is a nice looking, ideal 10 sized R.C. model that’s small enough for school yard type of flying but big in performance. You should be able to have this one in the air within an hour after having it in your workshop.

The fuselage is manufactured from ABS plastic and there is no painting necessary. Decals as seen in photo are included. The wing is balsa and spruce assembly and already film covered. You only have to join the two wing panels. Kit has engine mounts, landing gear, control horns, hinges, pushrods, and the gas tank. Just do a few final assembly install your radio and engine, and you’re ready to fly.

MINI STAR
The Mini Star is an ideal first airplane if you want a small field sized plane that can be carried easily in your car. It is perfect for the Car Black Widow, and in fact, the engine installs in minutes onto the factory prepared firewall. If you want your action a little hectic, you can use a T.O. .049H for high wing stability or an A.N.S.- get the Mini Star!
A.R.F. TRAINER MODEL SERIES
The A.R.F. trainer model series airplanes are attractive models that go together fast and flies beautifully. All you need is your radio and engine, as all of the other materials are in the kit. The wing is hand crafted at the factory from balsa and hardwood, and then covered. The stabilizer is also factory hand built and covered for you. Assembly is quick and easy, and in fact, the hinge slots are already pre-cut for you. The fuselage is ABS molded plastic that comes complete with a hardwood interior crutch and the motor mount already installed. The kit has extras like the gas tank, ready made pushrods, tires and all other necessary hardware. No painting is necessary, and after about two hours you are ready to fly this excellent model on an exciting flight!

The TRYSTAR 15 has become the most popular Pilot A.R.F. model for the beginner. It is an attractive airplane that goes together fast and flies beautifully. All you need is your radio and engine, as all of the other materials are in the kit (except 5-minute epoxy). The wing is hand crafted at the factory from balsa and hardwood, and then covered. The stabilizer is also factory hand built and covered for you. Assembly is quick and easy, and in fact, the hinge slots are already pre-cut for you. The fuselage is ABS molded plastic that comes complete with a hardwood interior crutch and the motor mount already installed. The kit has extras like the gas tank, ready made pushrods, tires and all other necessary hardware. No painting is necessary, and after about two hours you are ready to fly this excellent model on an exciting flight! Truly, here is an A.R.F. that honestly is Almost Ready To Fly!
11006

The Shell Fly 20S is a shoulder wing full four channel (although it can be flown on three channels if you want) sport ship capable of performing the entire pattern. It has been especially engineered to withstand the punishment that 20 ships take. The fuselage front is made of double layers of vacuum formed plastic. No painting is necessary, and you can be ready to fly in about three hours.

LENGTH ................ 37.1/2 inches
WING SPAN ............. 52 inches
WING AREA ............. 426 sq. in.
WEIGHT ................ 59.6 oz.
ENGINE ................ 20
RADIO .................. 2-4 channel
全長 ................... 950mm
全幅 ................... 1320mm
全площадь .......... 426 sq. in.
重量 .................. 59.6 oz.
エンジン ............. 20
R C メカ ............. 2-4Channel

手軽に飛行を楽しんでいただける高級完成機です。スリムな外形と、ハンドル、リフ組みにフィルムを張って仕上げた主体構造との組み合わせで、美しい造形は特徴です。

LANGÉ .................. 346mm
SPANNINHALT ........... 1320mm
FLACHENHINHALT ....... 27.5m²
GEWICH ................ 1700-1800g
MOTOR .................. 3.6 cc
PENSTEUERUNG ....... 3-4 kanal
Sporty Model
SHELL FLY 20L

The Shell Fly 20L is a low wing full four channel (although it can be flown on three channels if you want) sport ship capable of performing the entire pattern. It has been especially engineered to withstand the punishment that .20 ships take. The fuselage front is made of double layers of vacuum formed plastic. No painting is necessary, and you can be ready to fly in about three hours.

11007
LENGTH ........... 37-1/2 inches
WING SPAN ....... 52 inches
WING AREA ....... 426sq.in
WEIGHT ........... 59-63oz
ENGINE ........... .20
ENGINE ........... 3-4 channel

LANGE ............ 950mm
SPANWEITE ...... 1320mm
FLACHENINHALT .. 27.5m²
GEWICHT ......... 1700-1800g
MOTOR ........... .20
FERNSTEUERUNG .. 3-4kanale
11005

This is a full four channel model that's a great high wing trainer or sport model for those who want a larger model for a 40 sized engine. The Trystar 40 has been engineered to withstand the punishment of a large 40 sized model's flying. The front of the fuselage is made of three layers of plastic and the wing saddle is two layers thick. No painting is necessary.

LENGTH...........40.1/2inches
WING SPAN...........62-3/4inches
WING AREA...........527sq.in.
WEIGHT..............84-88oz.
ENGINE..............40
RADIO..............3-4channel

LANGE..............1030mm
SPANWEITE...........1440mm
FLACHENINHALT........34dm²
GEWICHET...........2400-2500g
MOTOR..............2400-2500g
FERNSTEUERUNG........3-4kanäle
The Shell Fly 40L is a low wing full four channel sport ship capable of performing the entire pattern. It has been especially engineered to withstand the punishment that 40 ships take. The fuselage front is made of three (3) layers of vacuum formed plastic and the wing saddle is two layers thick. No painting is necessary, and you can be ready to fly in about three hours.
PILOT R/C ALMOST READY TO FLY

Scale Model
CESSNA-177 10

12001

The Cessna 177 is the sport scale model with beautiful color sticker.
Kit comes with hand crafted and covered balsa structure wing, durable A.B.S. plastic fuselage, spinner, tyres, fuel tank and all other necessary accessories. For 3 or 4 channel radios and any .10 size gas engine.

LENGTH ............ 33 inches
WING SPAN ............ 46 inches
WING AREA ............ 310 sq. in.
WEIGHT ............ 42-45 oz.
ENGINE ............ .09-10
RADIO ............ 3-channel

LÄNGE ............ 840 mm
SPANNWEITE ............ 1170 mm
FLÄCHENINHALT ............ 20 dm²
GEWICHT ............ 1200-1300 g
MOTOR ............ 1.0 mm
FERNSTEUERUNG ............ 3-Kanal
A.R.F. SCALE MODEL SERIES

The A.R.F. scale model series airplanes are attractive models that goes together fast and flies beautifully. All you need is your radio and engine, as all of the other materials are in the kit. The wing is hand crafted at the factory from balsa and hardwood, and then covered. The stabilizer is also factory hand built and covered for you. Assembly is quick and easy, and in fact, the hinge slots are already pre-cut for you. The fuselage is ABS molded plastic that comes complete with a hardwood interior crutch and the motor mount already installed. The kit has extras like the gas tank, ready made pushrods, tires and all other necessary hardware. No painting is necessary, and after about two hours you are ready to fly this excellent model on an exciting flight!
The Cessna 150 is a high wing scale model for .20 class gas engines. The high wing gives you both the realistic appearance and stability. Also, tricycle landing gear makes good ground handling. Kit comes with beautiful completed wing, fuselage and all of necessary parts. All you need is your radio and engine. No painting is necessary, and after about two hours you are ready to fly this stable model on an exciting flight.

**Specifications:**

- **Length:** 35 inches (900 mm)
- **Wing Span:** 52 inches (1320 mm)
- **Wing Area:** 426 sq. in.
- **Weight:** 59-63 oz (1700-1800 g)
- **Engine:** .20
- **Radio:** 2.4 channel

**Dimensions:**

- **Length:** 990 mm
- **Span:** 1320 mm
- **Area:** 27.5 dm²
- **Weight:** 1700-1800 g
- **Engine:** 20
- **Radio:** 2.4 channel
- **Fitting:** 3.5 cm

**Engine:**

- **Type:** C-150
- **Power:** 60 hp
The RF-250 SPORTS-I is a high wing trainer model for .19 to .25 engine that features aileron, elevator and throttle control, and rudder can be used. The RF-250 SPORTS-I is a stable airplane and good for beginners.

LENGTH: 38 inches
WING SPAN: 52-3/4 inches
WING AREA: 434 sq. in.
WEIGHT: 53-68 lbs.
ENGINE: 19-25
RADIO: 3-4 channel

LÄNGE: 965 mm
SPANNWEITE: 1340 mm
FLÄCHENINHALT: 28 dm²
GEWICHT: 1800-1950 g
MOTOR: 19-25
FERNÜBERTRAGUNG: 3-4kanal
R/C ALMOST READY TO FLY

RF-250 SERIES

The RF-250 series airplanes are attractive model that goes together fast and flies beautifully. All you need is your radio and engine, as all of the other materials are in the kit. The wing is hand crafted at the factory from balsa and hardwood, and then covered. The stabilizer is also factory hand built and covered for you. Assembly is quick and easy, and in fact, the hinge slots are already pre-cut for you. The fuselage is ABS molded plastic that comes complete with a hardwood interior crutch and the motor mount already installed. The kit has extras like the gas tank, ready made pushrods, tires and all other necessary hard ware. No painting is necessary, and after about two hours you are ready to fly this excellent model on an exciting flight.

The RF-250 SPORTS-III is a model for you who want a fast building low wing capable of most all pattern maneuvers using 4 channels (although it can be flown on 3 channels if you want) and any .19 to .25 gas engine. This model could be convert easily for tricle landing gears or tail wheel type gears.

新しい時代の要求に応じたA R F完成機、低翼スポーツ・モデル、スポーツⅢは、上下分割式の組立方式により、寿命の点でも丈夫で長持ちする新しいタイプの完成機です。しかも強化プラスチックを使用していますので丈夫だけでなく、美しい機体になっています。このスポーツⅢは2車輪式・3車輪式どちらにでもできるパーツが入っていますので、あなたのお好みに応じて好きなタイプに組立ててください。

主翼は前縁の上下面をハルサブランクをして仕上げたあとプラスチックフィルムを張って仕上げており多分できない、軽くて丈夫な主翼になっています。胴体も上下のつなぎ目の接着面が多いのでヒビが入りにくく、エンジンの取付けはラジアルマウントを使用しております。
<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>38 inches</td>
</tr>
<tr>
<td>WING SPAN</td>
<td>62 3/4 inches</td>
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<tr>
<td>WING AREA</td>
<td>433 sq.in.</td>
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<tr>
<td>WEIGHT</td>
<td>63.69 oz.</td>
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<tr>
<td>ENGINE</td>
<td>19-25</td>
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<tr>
<td>RADIO</td>
<td>3-Archmodels</td>
</tr>
<tr>
<td>LANGE</td>
<td>965mm</td>
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<tr>
<td>SPANNWEITE</td>
<td>1340mm</td>
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<tr>
<td>FLACHENINHALT</td>
<td>286m²</td>
</tr>
<tr>
<td>GEWICHT</td>
<td>1800-1950g</td>
</tr>
<tr>
<td>MOTOR</td>
<td>3.5-5cc</td>
</tr>
<tr>
<td>FERNSTEUERUNG</td>
<td>3.4 kanäle</td>
</tr>
</tbody>
</table>
Flying Boat
MERMAID 20 & 40

If you have ever wanted to fly off the water then the Pilot A.R.F. Mermaids are for you. Both models feature the same factory Hand Crafted work as the other types of A.R.F. models. The wing is balsa and spruce built and film covered and the wing floats are ABS formed plastic ready to install into the wing. With fast and final assembly you'll be flying off the water and finding out for yourself what a thrill it is. Install your radio, add the engine, join the wing halves, attach the rudder and stabilizer, hinge surfaces and you're ready to fly. That's all there is to it: no painting, no sanding, and a minimum of your time.
These new Pilot Vacuum Formed Floats are perfect for anyone who wants to convert his .20 size model to a seaplane! All necessary hardware is included, and it is quick and simple matter to add them to your favorite model for some real enjoyment! The model pictured is the Pilot Shell Fly 20L, but you can add these floats to the other 20 size Pilot ARF’s as well. They would be perfect for the Cessna 150 ARF. We are certain you’ll agree: it’s the fastest and best way to go seaplane flying, and yet still have a model for the regular flying field.
The Balsa Float 20 are perfect for anyone who wants to convert his land plane to a seaplane. Float 20 is just fit for .20 size models. Kit comes with exact die-cut lightweight balsa panels and bulkheads that “Snap-Lock” together for fast accurate building. Also kit includes all necessary hard ware. It is a quick and simple matter to add them to your model for some real enjoyment.
HIGH PERFORMANCE FLOAT

BEST FOR .19 - 25 CLASS

あなたのお気に入る水上機に簡単にかえる。パイロット・バルサフロートは、高級バルサを使用した高性能フロートキットです。材料は精度の高い、ダイカットマシンで打ち抜いており、はめ込み方式を採用していますので組立て作業が簡単で正確に出来上がります。機体への取り付けは、簡単な取り付け方法ですので、どのような機体にでも、ちょっとした作業で取り付けることができます。軽量で高性能な水上機に気軽にコラーキットです。高品質の機体に適合するバルサフロート20と、40〜45クラスの機体に対応するバルサフロート40の2種類があります。全長は機体に合わせて取り付け角度を検討し、最良の位置にセットできます。説明書は原寸の図面と写真で組立順序を詳しく説明しております。

BEST FOR .40 - 45 CLASS

BALSA FLOAT - 20

BALSA FLOAT - 40
The Lake Buccaneer is a small size amphibian. Pilot's model could be easily convert to the land plane or flying boat. Landing gears for land plane are included in the kit. Kit comes with exact die-cut plywood fuselage sides and bulkheads that "Snap-Lock" together for fast accurate building. The Buccaneer can be flown with 4 channels and any .19 to .25 gas engine.

ランディングギーを取付けば飛行boat...
Flying Boat
LAKE BUCCANEER-20

ORIGINAL SCALE
PUSHER TYPE

TRACYOR TYPE
トラクタータイプにもできます…。

19-25
ENGINE

LENGTH ................. 39 inches
WING SPAN ......... 59 inches
WING AREA .......... 418 sq. in.
WEIGHT ............. 0 oz.
ENGINE .......... 19-25
RADIO ............ 3-4-channel

Länge ................. 990 mm
Spantweite .......... 1500 mm
Flächeninhalt ....... 27 dm²
Gewicht .............. 9 g
Motor ............... 3.5 6cc
Fernsteuerung ....... 3-4-Kanal
The Q.B. 1400 is a very fast, easy to build model that looks good and really flies well on the slope or off the high start. The kit includes exact die-cut plywood fuseage sides and bulkheads that "SnapLock" together for fast, accurate building. Machined balsa wood ribs are included with spruce spars, control horns, and bolts. A smoked see thru canopy has been added and full size plans and building instructions are also included with the kit. After the building, covering with a plastic film like Kwik Cote is easy for this model. The Q.B. 1400 is a light-weight glider that you'll enjoy adding to your selection of planes to fly.

LENGTH..........32inches
WING SPAN........60inches
WING AREA........330sq.in.
WEIGHT............16.16oz.
RADIO............2channel

08001
High Performance Glider
Q.B. 1800

WING SPAN 1800mm

The Q.B. 1800 is a very fast, easy to build model that looks good and really flies well on the slope or off the high start. The kit includes exact size-cut plywood fuselage sides and bulkheads that “Snap-fit” together for fast, accurate building. Machined balsa wood ribs are included with spruce spars, control horns, and bolts. A smoked sail plan canopy has been added and full size plans and building instructions are also included with the kit. After the building, covering with a plastic film like Kwik Cote is easy for this model. The Q.B. 1800 is a light-weight glider that you'll enjoy adding to your collection of planes to fly.

LENGTH ........ 37 inches GOLL ........ 940mm
WING SPAN ........ 72 inches SPANNLÄNGE ...... 1800mm
WING AREA ........ 409 sq.in. LÄNGE ........ 3100mm
WEIGHT ........ 24.26 oz. GROSSFLÄCHE .... 3100mm³
RADIO ........ 24oz. GEWICHT ........ 700-800g
PROJECT ........ 2oz. LÄNGE ........ 3100mm
Q.B. 1800
R/C QUICK BUILT SERIES

High Performance Glider
Q.B. 2500

The Q. B. 2500 is a very fast, easy to build model that looks good and really flies well on the slope or off the high start. The kit includes exact die-cut plywood fuselage sides and bulkheads that “SnapLock” together for fast, accurate building. Machined balsa wood ribs are included with spruce spars, control horns, and bolts. A smoked see thru canopy has been added and full size plans and building instructions are also included with the kit. After the building, covering with a plastic film like Kwik Cote is easy for this model. The Q.B. 2500 is a light-weight glider that you'll enjoy adding to your collection of planes to fly.

LENGTH ....... 40 inches
WING SPAN .... 96 1/2 inches
WING AREA .. 580 sq.in.
WEIGHT ....... 20 -25 oz.
RADIO .......... 2 channel

achsbaar 1015 mm
SPANWEITE .... 2450 mm
FLÄCHENINHALT .. 380 cm²
GÖNICHT ...... 750 - 850 g
FERNSTEUERUNG 2 Kanäle

Q.B. 2500

WING SPAN
2500mm

高性能クライダー
Q.B. 2500

クイックビルト・シリーズ

Q.B. 2500は、め tubing式組立法を採用しており、ブリットの位置などのケーブルは不用で組立てがむずかしいクライダーを簡単な製品で、基本的にサーマルソリシットを満たしただけです。組立：主翼とスパンを挟むように組立ができますので、様々な塗装は不用、短時間で確実に美しく仕上げることができます。
**High Quality Glider Kit**

**REIHER 3300**

*08007*

The Reiker is a 131.5" (3300mm) wing span high performance sail-plane designed by the Japanese National Champion. Carefully designed big span wing makes good gliding performance and full flying stab makes good maneuverability. The kit comes with gel-coated fibreglass fuselage, balsa and spuce wing parts, all balsa stab parts, all necessary hardware and full size plan.

This is a big glider that you will be proud to own and love to fly.
08009

The Jimmy is a light weight glider that really flies well on the slope or off the high start. The kit includes exact hand cut balsa ribs, all other wood parts and control horns. Full size plans and building instructions are also included with the kit. After the building, covering with a plastic film is easy for this model.

LENGTH ................. 35-1/2inches
WING SPAN .............. 58-3/4inches
WING AREA .............. 434sq.in.
WEIGHT ................. 17.31oz.
RADIO .................. 2channel

<table>
<thead>
<tr>
<th>Length (mm)</th>
<th>Wing Span (mm)</th>
<th>Wing Area (sq.cm)</th>
<th>Weight (g)</th>
<th>Radio Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>900mm</td>
<td>1490mm</td>
<td>2860 sq.cm</td>
<td>600g</td>
<td>2 channel</td>
</tr>
</tbody>
</table>

This Jimmy is a lightweight sailplane that performs well on the slope or off the high start. The kit includes hand-cut balsa ribs, all other wood parts, and control horns. Full-size plans and building instructions are included. After building, covering with plastic film is easy for this model.
The Tommy is a light weight glider that really flies well on the slope or off the high start. The kit includes exact hand cut balsa ribs, all other wood parts, control horns and vacuum formed plastic canopy. Full size plans and building instructions are also included with the kit. After the building,
Quick Built Series
Q.B. SLOPE 16

The Q. B. Slope 16 is a 63" (1.6m) wing span slope soaring glider that is fully aerobatic, using ailerons, elevator and rudder if you want. Kit features snap lock construction and vacuum formed plastic canopy for easy to build. The model is designed so that you can easily get good results when using the plastic covering materials.

LENGTH ................. 40inches .......... 1020mm
WING SPAN ............... 63inches .......... 1600mm
WING AREA ............... 496sq.in. .......... 3200cm²
WEIGHT ................. 29-33oz. .......... 850-950g
RADIO .................. 2-3channel .......... 2-3ch
The DIVINE WIND is one of the best looking, best flying gliders to come from Pilot yet! It is a 65 inch span slope soaring glider that is fully aerobatic, using ailerons, elevator and rudder if you want. This is an all balsa model that has been carefully designed and tested for exciting flight performance in most wind conditions. The kits contain first quality balsa and hardwood parts, formed plastic canopy, full size plans and an illustrated step by step construction guide.
ELECTRIC POWERED GLIDER

WING SPAN
1500mm

Balsa Kit
SPORTAVIA
RF-5B

The Sportavia is a light-weight electric motor powered glider, designed for the beginner or expert who wants to enjoy the fantastic thrill of silent flight! The kit comes complete with step by step instruction guide and full size plans which show the installation of the Mabuchi RS-380 electric motor as well as construction of the model. It features top quality balsa and wood parts, spinner, formed canopy and hardware parts. Also included is separate plan which shows the installation of the Cox TD .020 gas engine.

E-FLY

The E-FLY is a motor glider designed for Mabuchi RS-550SP electric motor and power systems that included with quick rechargeable ni-cd battery. The E-FLY kit comes with all balsa fuselage sides, balsa wing ribs, hand machined balsa parts, spruce spars, control horns and all other necessary accessories. Kit includes full size plan with radio installation and fully illustrated construction guide. Also included is plan which shows the installation of the .02 gas engine.

SPORTAVIA RF-5B

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>43 inches</th>
<th>1100mm</th>
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</thead>
<tbody>
<tr>
<td>WING SPAN</td>
<td>71 inches</td>
<td>1810mm</td>
</tr>
<tr>
<td>WING AREA</td>
<td>48.9 sq.in.</td>
<td>31.5m²</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>47-51 oz.</td>
<td>1350-1450g</td>
</tr>
<tr>
<td>RADIO</td>
<td>2-3 channel</td>
<td>2-3ch</td>
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</table>

<table>
<thead>
<tr>
<th>SPORTAVIA RF-5B</th>
<th>LENGTH</th>
<th>43 inches</th>
<th>1100mm</th>
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<tr>
<td>WING SPAN</td>
<td>71 inches</td>
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<td>WING AREA</td>
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<td></td>
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<td>WEIGHT</td>
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<td>RADIO</td>
<td>2-3 channel</td>
<td>2-3ch</td>
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</tbody>
</table>
The Peter & Humming are the small gliders for free flight or 1 channel radio control. Kit features all with exactly die-cut wood parts and all other necessary materials. A full size plan and an illustrated construction guide will all makes this an easy model to build.
The SPORTAVIA RF-5B is an ARF powered glider which comes complete with a ready made ABS plastic framed fuselage and built up balsa & spruce wings which are factory covered with plastic film. The kit contains: engine mount, landing gear, wheel, spinner, pushrods with keepers, hinges, control horns, servo trays, bolts, nuts and liquid cement. Also included are full size illustrated plans with instructions for radio installation. To finish, simply join the wing halves, fit the stabilizer, mount the engine and install your radio – now you are ready to fly! Assembly time about one hour.
**Pilot**

**R/C ALMOST READY TO FLY**

**Thermal Glider  AURORA-1600**

WING SPAN 1600mm

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The Aurora 1600 has been used by thousand of modelers for their first trainer sailplane. It’s great fun on a dope or off the high start. The fuselage is ABS formed plastic and the wings are hand built balsa and spruce and already covered with a film. The stab and rudder are also balsa and covered, ready to use. All you have to do is join the wing halves, hinge the fin onto the rudder, install the radio and you’re Ready to Fly.

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<table>
<thead>
<tr>
<th><strong>Part</strong></th>
<th><strong>Length</strong></th>
<th><strong>Width</strong></th>
<th><strong>Height</strong></th>
<th><strong>Weight</strong></th>
<th><strong>Radio</strong></th>
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<tr>
<td><strong>Length</strong></td>
<td>840mm</td>
<td>1600mm</td>
<td></td>
<td>25.6m²</td>
<td>700-750g</td>
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<tr>
<td><strong>Span</strong></td>
<td>33 inches</td>
<td></td>
<td></td>
<td></td>
<td>2ch</td>
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<tr>
<td><strong>Weight</strong></td>
<td></td>
<td></td>
<td></td>
<td>700-750g</td>
<td></td>
</tr>
<tr>
<td><strong>Radio</strong></td>
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</table>
The TH-2500 gives a new meaning to ARF gliders because it's lightweight and has excellent performance. The wings are polyhedral which taper on the outer panels and are made ready to plug into the fuselage. The stab and rudder are built up from balsa and factory covered. The full flying stab simply mounts into the fuselage and all that work is done. The rudder installs in five minutes. This is a big glider that you will be proud to own and love to fly. Install your radio, join the outer wing panels, hinge the rudder and you're ready to fly.

WINGS FACTORY BUILT OF BALSA & SRPUCE, COVERED & READY TO FLY / FULL FLYING STAB—HAND CRAFTED, FILM COVERED, READY TO FLY / ABS FUSELAGE—JUST ADD RADIO / NO PAINTING NECESSARY / READY TO FLY 1-1/2 HOURS

High Performance Glider

TH-2500
LENGTH: 40 1/2 inches
WING SPAN: 97 inches
WING AREA: 679 sq. in.
WEIGHT: 38.44 lbs.
RADIO: 2ch

LÄNGE: 1030 mm
SPANNWEITE: 2400 mm
FLÄCHENINHALT: 43.86 m²
Gewicht: 1100-1250 g
GEBR. EINZELSTÜCK: 2ch

WING SPAN 2500mm
THE PILOT CARRT BOX KIT INCLUDES THESE PARTS:
- High-quality plywood parts
- Plans with building views
- Hardware: lid hinges, sturdy metal latch, all nuts and bolts, 24mm hardwood handle bar, glue

WILL HOLD THESE TOOLS AND ACCESSORIES:
- Large size: gallon of fuel, tools, transmitter, electric starter, and battery, pump, props, starting battery, etc.
- Middle size: quart of fuel, tools, transmitter, electric starter, and battery, pump, props, starting battery, etc.

CARRY BOX
MODEL ELECTRIC STARTER

High Power Starter

Electric starters for the flyer, boater, or race care driver looking for a fast easy way to get your engines started. Four types to select from for every engine use. SS4 is smallest and lightest for the sport flyer with .10-.40 engines, but great for the .20 powered models. SS8 is the big one for the really big engines.

High Power Starter

Max. Torque 9kg-cm (5100 r.p.m.)
Current at no road 2.4A (7400 r.p.m.)

SS4
Max. Torque 6kg-cm (5000 r.p.m.)
Current at no road 2A (7200 r.p.m.)

SS6
Max. Torque 9kg-cm (5100 r.p.m.)
Current at no road 2.4A (7400 r.p.m.)

SS8
Max. Torque 14kg-cm (4600 r.p.m.)
Current at no road 2.5A (6800 r.p.m.)
PILOT ACCESSORIES

PARTS PACK

PILOT's PARTS PACK contains these parts:
FUEL TANK / SPINNER / ADJUSTABLE LINKAGES WITH CLEVIS / WIRE LINKAGES WITH RETAINERS / WHEELS / WHEEL RETAINER / NYLON HINGES / SPONGE RUBBER / WING HOLD RUBBER BANDS / SILICONE FUEL TUBING / PUSHRODS

ENGINE ACCESSORIES

- 18001 空冷ヒートシンク... HEAT SINK for CAR
- 18002 水冷ヒートシンク... HEAT SINK for BOAT
- 18003 マフラーアダプター... MUFFLER ADAPTER

HIGH LIFT

HEAVY DUTY
SAIL PLANES WITH WING SPANS of 79” OR MORE

LIGHT
SAIL PLANES WITH WING SPANS of 63” OR LESS.

大型クライダー用（翼W2000〜3000mmクラス）
- 特製強力ゴムチューブ…30m
- ナイロン糸…100m
- バランスチューブ
- リール
- その他パーツ類

小型クライダー用（翼W1200〜1400mmクラス）
- 特製ゴム糸…16m
- ナイロン糸…50m
- リール
- ふきながし
- その他パーツ類

FUEL PUMP
Quick fueling pump for RACING CARS and other engine modes. Cap. 170cc

燃料給油ポンプ
とても便利な給油ポンプです。手軽で使いやすく使いやすい抜群
GAS TANKS

These new R/C "clunk" tanks feature the new exclusive LEAK LOCK seal. This special seal actually snaps the stopper into place and prevents any leaks. Tanks are made of high quality molded plastic and feature: the clunk, plastic tubing, aluminum tubing, injected parts and bolt.

RADIAL MOUNT

15004 RADIAL MOUNT for 15 ENGINE
15005 RADIAL MOUNT for 20 ENGINE

REDUCT DRIVE

The Pilot REDUCT-DRIVE is a belt drive reduction unit for big size airplane like 1/4 scale models. This unit could drive 16" to 20" Dia. props and included 3 different size drive nuts for any .40 to .61 engines. This REDUCT-DRIVE set features all metal parts, five ball bearings, belt and illustrated technical instruction.
Pilot's MINI COMPRESSOR has precision machined all metal cylinder and piston. The piston has no ring to wear out or break down normal operating condition. You can check a pressure with built-in pressure gauge.

**Model No. E5005**

16003

**Model No. E8005**

16011

- **Model Information**
  - **Power Source**: A C 100V / 100W
  - **Compression Method**: Diaphragm Type
  - **Pressure**: 3 kg
  - **Air Flow**: Each 100 l
  - **Body Dimensions**: 28 x 18 x 23 cm
  - **Weight**: 11 kg
**Aqua R/C Model Boat Series**

**Competition Boats**

**AQUA NEWLINE 20 & 40**

20001  
20002

The AQUA NEWLINE 20 and 40 boats are designed for true all-out competition. The new winged type four point design makes these boats very fast, and yet, very stable! This boat was designed by the Japanese National Champion.

The kit has beautifully accurately die-cut plywood parts and full size plans with an illustrated construction guide. Also, the kit comes with a plywood stand to place your finished boat on!

<table>
<thead>
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<th>LENGTH</th>
<th>20 inches</th>
<th>Länge</th>
<th>730mm</th>
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<tr>
<td>BEAM</td>
<td>15.3 inches</td>
<td>BREITE</td>
<td>390mm</td>
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<tr>
<td>ENGINE</td>
<td>19.21</td>
<td>MOTOR</td>
<td>3.5cm</td>
</tr>
<tr>
<td>RADIO</td>
<td>2 channel</td>
<td>R.C. Motor</td>
<td>2ch</td>
</tr>
<tr>
<td>FERNSTEUERUNG</td>
<td>2 channel</td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>35-1/2 inches</th>
<th>Länge</th>
<th>900mm</th>
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<tbody>
<tr>
<td>BEAM</td>
<td>17-1/2 inches</td>
<td>BREITE</td>
<td>445mm</td>
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<tr>
<td>ENGINE</td>
<td>40.45</td>
<td>MOTOR</td>
<td>6.57</td>
</tr>
<tr>
<td>RADIO</td>
<td>2 channel</td>
<td>R.C. Motor</td>
<td>2ch</td>
</tr>
<tr>
<td>FERNSTEUERUNG</td>
<td>2 channel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

 mã_で水の上を飛ぶ驚し、ハイドロモールー歩進んだ全く新しいタイプの製造のあるウイングタイプ船体成熟の安定性、そして競争性能、遊に波されることなく、波を超越した独創的なアキュの世界を見せてくれます。
Almost Ready to Go

The Amazon Super-200 is a real fun airboat that is easy to complete, as it is Almost Ready To Go! It features a completed ABS plastic hull and deck. You build the motor pylon (materials included), install the radio system and engine and you are ready to go out and enjoy your Amazon Super-200.
THE LAKE MASTER SERIES
The lake master is a semi-scale model of hydroplane "Miss circus circus". There are three type models in the series: Propeller boat, Electric powered motor boat and Gas engine powered model boat. Hulls and deck are formed A.B.S. plastic that shaped and trimmed at factory. Construct the inside frames and cover with plastic body, the beautiful model is ready to installation of marine parts (or propeller power pod). There are no planking, no sanding and no painting. All kits contains plastic hull and deck, exactly die cut ply bulkheads and keel, hard wood parts, liquid cement for A.B.S. plastic, fuel tank, beautiful colored sticker. Each type model kits also contains: Propeller boat – all necessary parts for power pod (engine, prop. and spinner are not included): Electric powered boat-perfect marine parts set, electric motor with controller and motor mounting parts: Gas engine powered model – perfect marine parts set, water cooling jacket for .10 class gas engine, engine mounting parts, flywheel and all other necessary hard wares. (gas engine is not included)
LAKE MASTER-G 20006 GAS ENGINE POWERED BOAT .09 to .10 GAS ENGINE
LAKE MASTER-E 20007 ELECTRIC POWERED BOAT 電動ボート .09 to .10 GAS ENGINE
LAKE MASTER-P 20008 PROPELLER BOAT フロペラボート MABUCHI 540 MOTOR

09-10 ENGINE

LENGTH .......... 11-1/2 inches
BEAM ............ 36 inches
RADIO ........... 2-channel

LENGTH ........... 910 mm
BREITE .......... 290 mm
FERNSTEUERUNG .. 2kanäle
This is a semi-scale type of Sea Formula boat with a Deep Vee bottom and cigarette style body. This boat is an Almost Ready to Go type, featuring a beautifully colored, vacuum formed hull complete with built-in radio box. There is no actual building on the hull, leaving only the installation of the marine hardware set (included) and the radio system. The marine accessories are made specially for this boat. Decals, plans and fogged windscreen are included. Lots of fun with a .10 gas engine or Mabuchi 540 electric motor and 2 channel radio system. Electric motor powered type model comes with complete marine parts and Mabuchi 540 motor. Gas power model comes with marine parts.
Cabin Cruiser FISHERMAN ACE

**G-type**
GAS ENGINE POWERED BOAT (09 to 10 GAS ENGINE)

**E-type**
ELECTRIC POWERED BOAT (MAZUCHI 560 MOTOR)

The FISHERMAN ACE is a scale like cabin cruiser. It's carefully designed hull gives you stable running in any weather. There are two type models in the series: Electric powered motor boat and Gas engine powered boat. Hulls and deck are formed A.B.S. plastic that shaped and trimmed at factory. Construct the inside frames and cover with plastic body, the beautiful model is ready to installation of marine parts. There are no planking, no sanding and no painting. All kits contains plastic hull and deck, exactly die cut ply bulkheads and keel, hardwood parts, liquid cement for A.B.S. plastic, beautiful colored sticker. Each type model kits also contains: Electric powered boat—perfect marine parts set, electric motor with controller and motor mounting parts: (Ni-Cd Battery is not included): Gas engine powered model—perfect marine parts set, fuel tank, water cooling jacket for .10 class gas engine, engine mounting parts, flywheel and all other necessary hard wares (gas engine is not included).

**Specifications**

LENGTH...........24 inches 610mm
BEAM..............8-1/2 inches 220mm
RADIO..............2channel

**Materials**

1. Plastic hull and deck
2. Plywood bulkheads and keel
3. Hardwood parts
4. Liquid cement for A.B.S. plastic
5. Beautiful colored stickers

**Accessories**

1. Electric motor with controller
2. Engine mounting parts
3. Fuel tank
4. Water cooling jacket
5. Various hard wares (gas engine is not included)
Aqua

MARINE PARTS

HYDRO DRIVE UNIT

MONO DRIVE UNIT

ENGINE UNIT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Description (Japanese)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21001</td>
<td>10 CLASS MONO MARINE PARTS</td>
<td>10クラス・モノ・マリンパーツ</td>
</tr>
<tr>
<td>21002</td>
<td>20 CLASS MONO MARINE PARTS</td>
<td>20クラス・モノ・マリンパーツ</td>
</tr>
<tr>
<td>21003</td>
<td>20 CLASS HYDRO MARINE PARTS</td>
<td>20クラス・ハイドロ・マリンパーツ</td>
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<tr>
<td>21004</td>
<td>40 CLASS HYDRO MARINE PARTS</td>
<td>40クラス・ハイドロ・マリンパーツ</td>
</tr>
</tbody>
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