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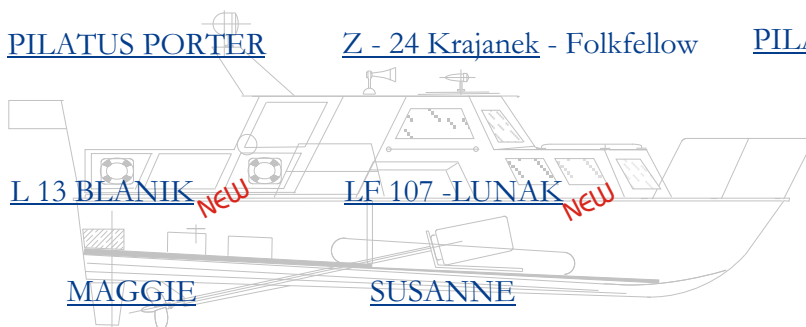
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Dear Flying Hobby Enthusiasts:

ModellStudio CZ Introduction:

Our model design & building tradition goes back many years. ModellStudio CZ founders and their design team have many years of experience of building and producing high quality models & hobby accessories.

Our company having the expertise in designing and building top quality models. ModellStudio CZ planes participate and get top awards at the domestic and international trade shows/competitions world wide. Beside models of planes and power boats, we produce a long list accessories/hardware.



ModellStudio CZ Founder and CEO:

Under the leadership of the MS CEO (Mr. Vavra Snr.) the company enjoys unremitting growth. Mr. Vavra senior, his son and ModellStudio CZ design team have many years of experience in all aspects (technical, design, innovation, marketing etc).

Needless to say, he is also an avid model builder since his childhood . With his technical background as a mechanical engineer he built over the years countless RC models in all categories, mostly RC scale and aerobatics models.

ModellStudio CZ participation in flying competitions:

It may interest you to know that Mr. Vavra Snr. was a president of our region Fly Hobby modellers club and he had organized many RC planes competitions. For instance, the National championship in RC scale, several times the National Championships in RC aerobatic and many other categories competitions.

ModellStudio CZ is also actively involved in organizing and sponsorships of numerous flying hobby sporting events. For instance:

Most popular among our fans is now a traditional Christmas competition "Vánocni cena" of plastic kits in Uherske Hradiste that attracts the fans from all regions of the Czech republic.

ModellStudioCZ realizes how important it is to build a satisfied base of customers and followers.

Our company today sponsors selected model hobby clubs and several dedicated individual modellers.

●Our production consists of:

- Balsa wood aircraft model parts production (pine and balsa struts, profile struts, pressed parts etc.
- Balsa model planes.
- Motor powered boats.
- Models made of fibreglass fuselage and wings abachi covered Styro.
- Full spectrum of the hardware for modellers plastic and metal accessories.
- Vacuum press moulded tails canopy, battery cases, and servo cases - PSH, ABS etc.



We produce scale, semi scale and models that are wholly developed and built by our design team.

List of products:

Our numerous styles of gliders include electro version, especially designed electro full aerobatic models, especially designed electro models for long distances thermal flying, glow tow planes, giant scale acrobat (Bucker Jungmann) and gliders (for example SHK, LO 100, Foka, Fox).

Our gliders categories reach wingspans of anywhere between 1,6m to 6 m.

We offer several finished to order categories of these planes fully built and covered by Oracover (RF ready to fly) or partially built without cover (ARF almost ready to flight) or almost ready to cover (ARC).

All our kits include assembling sketches and building instructions.

Model adjustments:

ModellStudio CZ planes have been extensively tested and have all the necessary adjustments done, including bored-holes, and adjustment of important sections (for example rear tail, dihedral angle, angle of engine counter). All-important skill demanding adjustments are factory - done and modellers do not need to worry about them.

Kits for beginners:

Our list of products includes models that were developed for and built in various stages for flying hobby beginners.

Custom work:

We can custom produce many types of bespoke - as per supplied documentation.

At present, our production capacity is geared for series from 100 to 200 (and more) models on our production list.

Some of our customers include:

Graupner, Multiplex, Aero-Naut, Conrad, Vario Helicopter and others

Coming soon to market:

Our latest entries into to model accessories market are several types of exhaust mufflers, which far exceed the competitor's traditional designs and more accessories - fittings for gasoline tank

If interested in technical details contact us.

ModellStudio CZ geographical location:

Company ModellStudio CZ is situated in a very beautiful area of the South Moravia, about 100 km (60 miles) North from Vienna (Austria) and 70 km South - East from the second largest Czech city Brno.

An airport Kunovice is located only 12 km from our base.

Modell Studio has over 1200m² production area and 14 skilled employees.

ModellStudio CZ, s. r.o.

U mlýna 445

687 07 Tupesy

Czech Republic

tel: 00420 572 597161

tel., fax.: 00420 572 597167

VAT No.CZ 26970082

Bank connections:

Number : 35-5804040297/0100

IBAN: CZ2201000000355804040297

Swift Code KOMBCZPP

Adress Komerční banka a.s.,

Centrála Praha, Na Příkopě 33, Pra

email: info@modellstudio.cz

Note:

If any further information is required, contact Mr. Vavra Jnr.

VP Sales



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D.H. 82 - TIGER MOTH M 1:3,3

Technische Daten:

Wingspan	2700 mm
Length	2200mm
Airfoil	Original
Wingarea	204 dm ²
Fly weight	c. 8500 - 9000 gr.

RC Functions:Rudder, Elevator, Throttle, and Ailerons



True scale one of the famous training plane in the world. Full scale design, construction and build allow to finish the plane to enjoy and also the plane ready to competition in FAI F4C X class.

Scale and hi-finishing move this kit among the best series production plane in the market.

Plane save the good features of original and allow basic aerobatic like original.

Kit is full balsa- hardwood construction with fiberglass parts (motor cowling, tank, doors of copckit) Strength of air-frame allow covering use fabric. Kit included ready build fuselage, wing panels, tail parts, complete hardware like undercarriage, complete finished cabane, complete lancing incl. all necessary fittings, brace, vacuum moulded parts like windy shield etc. Tools for exact and correct installing of baldachin included. Basic setting of wings and stabilizer is already done by producer. Now is available the giant plane also to intermediate pilots.



Best. Nr./ Part No.:

- 3067100 DH - Tiger Moth ARC
- 3067101 DH - Tiger Moth Motor Cowling
- 3067102 DH - Tiger Moth Instrument panel - Front
- 3067103 DH - Tiger Moth Instrument pannel - Rear



BÜ - 131 JUNGSMANN M1:3,7

Specification:

Wingspan	2000 mm
Length	1800 mm
Airfoil	S8037 12%
Wing area	108 dm ²
Gross Weight	7000-7600 gr.
Wing loading	65-70 gr/dm ²
Engine recommended	35-45 c.c.

RC Functions:Rudder, Elevator, Throttle, and Ailerons

Description:

Storied and up to date famous bi-plane Bü 131 Jungmann was designed in Germany in 1934. Develop and production of Bucker Jungmann allow to encreasing member of flying school schollars and theirs skills in aerobatics. Bu Jungmann served like basic and training



plane not only in Germany, but in more than 32 countries (like Swiss, Spain, Japan, Hungary, Czechoslovakia etc.) up to 50 years of 20 century.

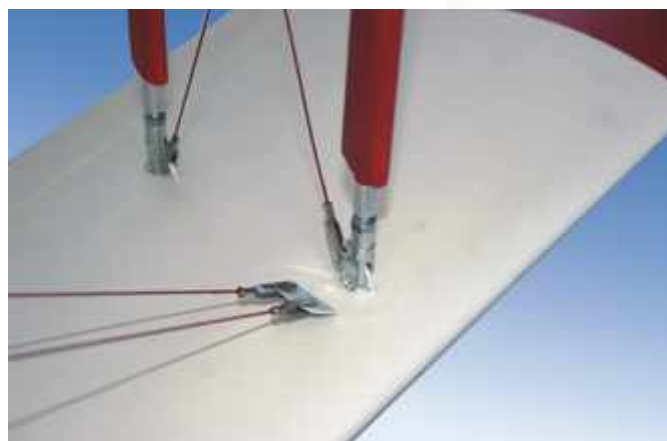
Our true scale of Jungmann is ready to finish for competition in category FAI scale

Kit contain: Figer glass fuselage white colour (another colour is available depend on request), Fiberglass motor cowling.

Ready build and sand wing panels in balsa rip spar construction.



Ready build tail parts stabilizer, elevator, ruder
Ready assembled baldachyn cabane, all complete parts for wing, brace and lancing connection.
Quick brace- connection system.
All parts for undercarriage ready to assembly, All brace incl brace to stabilizer.
Windschild and others vac.
Moulded parts.
Assembly plan and building instruction.



Shipped in white, sturdy cardboard box.

Bestell Nr. / Part. No.:

- 3009100 Bu 131 Jungmann ARC
- 3009101 Bu 131 Jungmann Fuselage
- 3009102 Bu 131 Jungmann Motorcowling
- 3009103 Bu 131 Jungmann set of wings panels
- 3009104 Bu 131 Jungmann undercarriage
- 3009105 Bu 131 Jungmann Instrument panel - froni
- 3009106 Bu 131 Jungmann Instrument panel rear

BÜCKER 181 BESTMANN

Scale M 1:4.25

Specification:

Wingspan 2450 mm
 Length 1847 mm
 Weight 6500 gr.
 Wing Area 91,8 dm²
 Motor
 15 - 25 ccm / 2 C,
 20 - 30 ccm / 4C

RC Functions:

Rudder, Elevator,
 Ailerons, Flaps,
 Motor.

Description:

Semi scale of an storied school German plane. Wide - spread in the Continent.

Designed as elementary school motor plane for Luftwaffe. Basic type Bü 181A (with engine Hirt 77 kW) was built in thousands pieces series. During the II. W.W. and shortly after production continued in Holland (708 pcs.) and Sweden (125 pcs). After the WW II. production continued in Czech and in Egypt.

Bü 181 was used without trouble also for aero - towing.

Kit contains:

- White color fiberglass fuselage (wing connection is done)
- Clear transparent canopy
- Ready for cover built, sheeted, ailerons and flaps fully shaped wing ,
- Wing is balsa rib spar construction.
- Balsas rudder and elevator already built.
- All HW and accessories
- Building instruction added



Shipped in white, sturdy cardboard box with description label on the top and side.

Order Nr :

3051100 Bü 181 Bestman Almost ready to cover

Option parts:

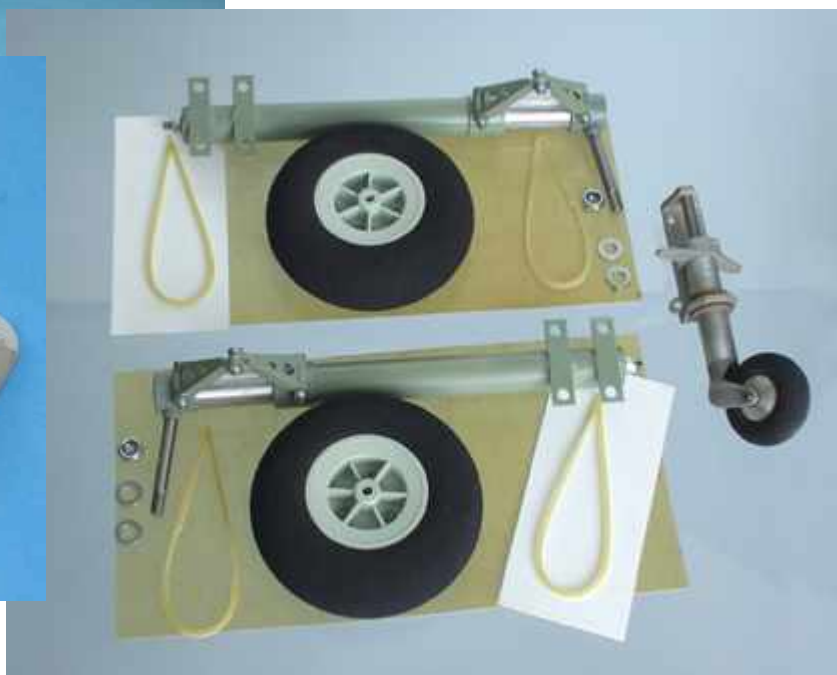
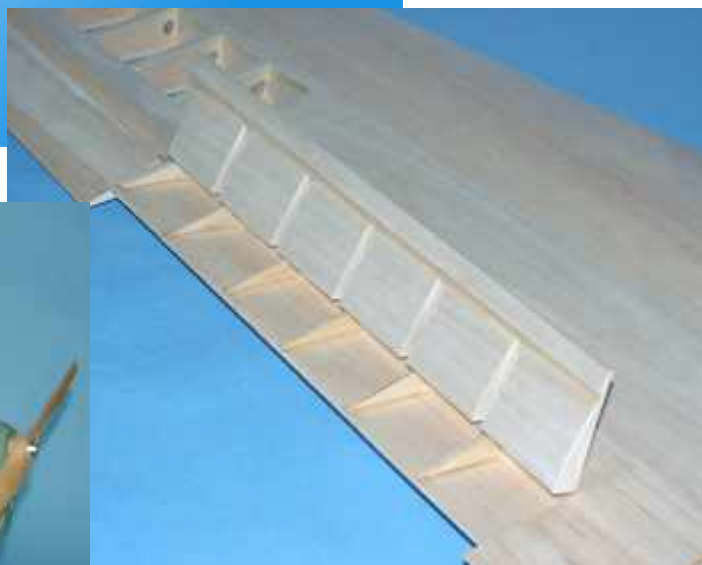
3051102 Bü 181 Main undercarriage - Pair
 3051104 Bü 181 Undercarriage spats - Pair
 3051103 Bü 181 Tail undercarriage
 3051101 Bü 181 Set of undercarriage + Spats

Spare parts:

3051105 Bü 181 Canopy
 3051106 Bü 181 Motor cowling
 3051108 Bu 181 Wings panels -pair
 3051109 Bü 181 Ruder
 3051107 Bu 181 Fiberglass fuselage



BÜCKER 181 BESTMANN



Bellanca Super Decatlon 8KCAB

Maßstab: M 1: 4



Specification:

RC scale

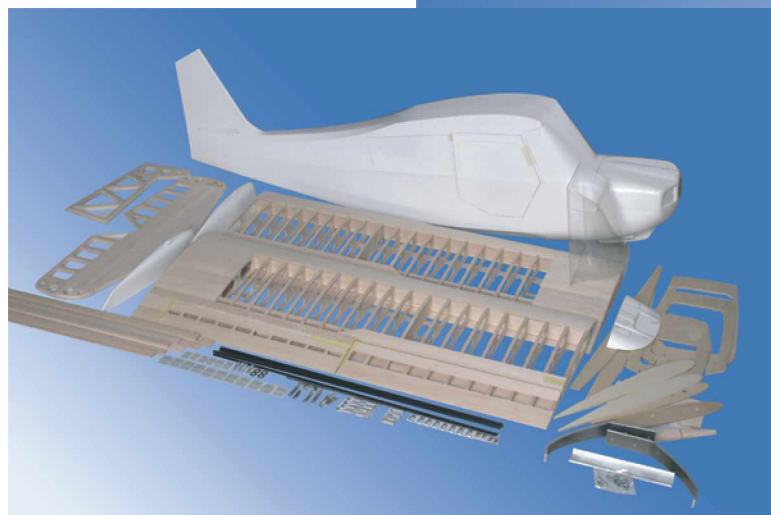
Wingspan	2480 mm
Length	c. 1670 mm
Wing Area	87,30 dm ²
Empty Weight	3000-3500 gr.
Gross Weight	6500 8000 gr.
Wing loading	74 - 91 gr/dm ²
Propulsion	Up 33 2T

RC Functions:

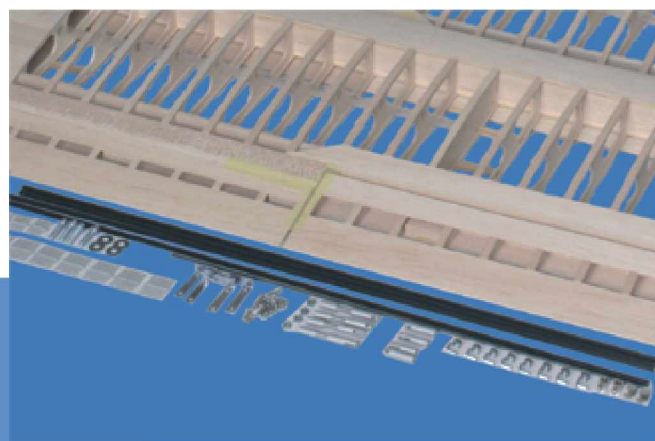
Rudder, Elevator,
Ailerons, Flaps, Motor.

Description:

The first Citabria came off the line in 1964 at Champion Aircraft in Osceola, Wisconsin. Eventually, the



Citabria line expanded to four models: the 100 horsepower 7ECA (we offer this one in scale 1:6), has no flaps; the 7GCAA is basically the same as the 7ECA, but with 150/hp engine; and the 7GCBC - the more popular model - has a 160 hp engine, flaps, and longer wings that



provide more load - carrying capability and shorter landing and takeoff distances. Decatlon is very famous and popular for its aerobatic capability (Limit Load Factor is +6/ 5 G), easy maintenance and extreme versatility.

We offer to you giant scale, which save all Wing's is hi-precision and quality - full scale (balsa and HW ribs construction). Strongest experiences.



abilities and quality of real plane. and aerobatics completed from CNC-machined parts of the wing and brace system allow to true 3D

Kit contains:

- White color fiberglass fuselage incl. right doors and motor cowll, Ready build BSA wing and tail parts. All is machined and sand ready to cover. Allu undercarriage incl. shaft and wheels, Wheel housing, All complete HW and accessories, Brace system with steel quick-connected locks, Moulded front windows, Assembly sketch included.

Shipped in white, sturdy cardboard box, ready for post-transport.

3064100 Belanca Super Decatlon ACR

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HE 219 - UHU

Wingspan 2200
Length 1866
Airfoil:
NACA2415/2410
Wing Area 68 dm²
Wing loading 81 gr./dm²
Gross Weight 5 500gr.
Propulsion AXI 4120



RC Functions:

Rudder, Elevator, Ailerons,
ESC

Description:

Semi-scale of famous

WW II german night fighter. Designed for electro propulsion use NiCd or Li Pol battery.

Good aerodynamic design offer excellent performance.

Quick and easy battery loading.

Ready for installation of retractable undercarriage. Start use "start cart" is also very easy.

Fiberglass fuselage, wing construction middle section - balsa, tip's section foam covered by balsa.

Motor mount system is already done.

All wall in to fuselage already done.

Middle and tips section of wing are ready to finish unmountable. We recommend paste it together.

Tail parts unmountable.

Rudders controllable.

Kit contains:

- White color fiberglass fuselage and motor cowling.
- Ready build wings sections and tail parts. - ready to cover
- Canopy windows and canopy frame.
- Motor mount system.
- All wals in to fuselage.
- All hardware and accessories.

Building instruction and assembly sketch included.

Order Nr.:

3059100 He 219 UHU - ARC

He 72 - KADETT

Scale M 1:5

Specification:

Wingspan 1800 mm
 Length 1570 mm
 Airfoil: special
 Flying weight c.a. 5000 gr.
 4 500gr.
 6 000 gr. depend on used engine
 Engine: 10 c.c. 25 c.c.

RC Functions:

Rudder, Elevator,
 Ailerons, Throttle

Description:

Semi-scale of wide spread
 and popular school,
 training and courier plane



in German army from 1935 year and also in the others Europeans country after W.W. II to halves of 50. years.

Construction of the Kadett was completed and plane started at first on December 21, 1934.

Kit contains:

- White color fiberglass fuselage, incl. pasted cabane - central wing - fuselage - attachment.
- Ready built ribs spar construction wing. (balsa,

plywood, lime wood).

- Elevator and rudder already built
- Wing construction - ribs spar balsa - already done.
- Wire undercarriage - ready prepared
- Ready wing struts inclusive fittings
- All hardware and accessories

Building instruction and assembly sketch included.

Shipped in white, sturdy cardboard box with color label.

Order Nr.:

- 3041100 He 72 Kadett - ARC
- 3041108 He 72 Kadett - Instrument Panel Front
- 3041109 He 72 Kadett - Instrument Panel Rear



Scale Instrument panels



Bü 181 - Bestmann
Cockpit / Instrument panel

Best. Nr./Part No. **3051110**



Bü 131 - Jungmann
Cockpit / Instrument panel

Vorder/front

Best. Nr./Part No. **3009105**

Hinter/rear

Best. Nr./Part No. **3009106**



He - 72 Kadett
Cockpit / Instrument panel

Vorder/front

Best. Nr./Part No. **3041108**

Hinter/rear

Best. Nr./Part No. **3041109**



DH - 82 Tiger Moth
Cockpit / Instrument panel

Vorder/front

Best. Nr./Part No. **3067102**

Hinter/rear

Best. Nr./Part No. **3067103**

DH 82 - Tiger Moth Kompass

Best. Nr./Part No. **3067104**



PARTENAVIA Victor 2020 mm

Specification:

Wingspan	2020 mm
Length	1610mm
Airfoil	Clark Y
Wing area	50,5 dm ²
Flyweight	c. 4000 - 4500 gr.

RC Functions:Rudder, Elevator, Ailerons, ESC
(Electronic Speed Control)

Description:

This twin-engines A/C class shoulder wing (take-off weight up to 2000 kg) was developed by Partenavia, Italy in 190. As of 1974 the aircraft has been built in several versions. Type B, after which this model has been patterned, is powered by two AVCO-Lycoming four-cylinder. Other versions of the plane differ from the aforementioned one mainly by their more powerful engines and their cabin interior. Two of the versions are easily distinguished: The AP68TP Observer by its glazed bow, the AT86.TP300 Spartacus by its turboprop powerplants. Several version are used by army and police also. Plane is wide spread and many pictures of marking are in the net available.

This modell plane has been designed as an electric flight model, using two E-motors. Speed 550 Neodym like cheap propulsion may be used. Brushless motors are recommended for full performance.

Airframe is strong hi-precision fibre glass lightweight and strong wing construction, combined with clean aerodynamics, the model are ready to aerobatics others funs evolution



Kit contains:

- White color fiberglass fuselage incl. canopy
- Complete HW parts for fusealge finishing
- ABS vac. moulded motor covling
- Wheels spats incl. wheels
- Complete done three parts wing pannels - are balsa ribs/spar and hardwood construction.
- Complete ready stabilizer and fin
- Solid and strong ALU undercarriage

Assembly sketch included.

Quick and easy assembly.

Shipped in white, sturdy cardboard box

Order Nr.:

3010100 Partenavia Victor, Wingspan 2020 mm, ARC

3010200 Partenavia Victor, Wingspan 2020 mm, ARF



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PARTENAVIA Victor 1500 mm

Specification:

Wingspan	1500 mm
Length	1210mm
Airfoil	Clark Y modif
Wing area	30 dm ²
Grossweight	c. 1950 g.

RC Functions:Rudder, Elevator, Ailerons, ESC
(Electronic Speed Control)

Description:

This twin-engines A/C class shoulder wing (take-off weight up to 2000 kg) was developed by Partenavia, Italy in 190. As of 1974 the aircraft has been built in several versions. Type B, after which this model has been patterned, is powered by two AVCO-Lycoming four-cylinder. Other versions of the plane differ from the aforementioned one mainly by their more powerful engines and their cabin interior. Two of the versions are easily distinguished: The AP68TP Observer by its glazed bow, the AT86.TP300 Spartacus by its turboprop powerplants. Several version are used by army and police also. Plane is wide spread and many pictures of marking are in the net available. This modell plane has been designed as an electric flight model, using two small E-motors. Airframe is strong hi-precision fibre glass lightweight and strong wing construction, combined with clean aerodynamics, the model, powered by one 7-cell main drive battery only has been made a surprisingly good performer.



Kit contains:

- White color fiberglass fuselage incl. canopy
- Complete HW parts for fuselage finishing
- ABS vac. moulded motor cowling
- Complete done wing panels - are balsa ribs/spar and hardwood construction.
- Complete ready stabilizer and fin
- Steel wire's undercarriage

Building instruction included.

Quick and easy assembly.

Shipped in white, sturdy cardboard box.

3011100 Partenavia Victor, 1500 mm wingspan ARC
3011200 Partenavia Victor, 1500 mm wingspan ARF



BELLANCA CHAMPION CITABRIA

Scale M 1: 6

Specification:

Wingspan 1680 mm
Length c. 1138 mm
Airfoil: Clark Y
Wing Area 39,5 dm²
Flying weight 1950 - 2250 gr.

Propulsion:

Electro - Speed 600 incl.
Gear , 10 cells
Glow : 0,25 - 0,40

RC Functions:

Rudder, Elevator,
Ailerons, Motor.

Description:

Original of this two seater plane produce by Bellanca Aircraft Corp.

(Minnesota, USA) in several version. Citabria has been produced in 1964. It has very solid, easy and practical construction. Thank this potential and very good flying (original flight with engine 85 kW only !) is most popular and wide spread in several version. The name Citabria originate as anagram of world Airbatic.

Our plane - semiscale - come in the same good flight potential, for modellers is very easy to complete and is suitable for glow or electro motor.

Our model as high wing is ideal for beginners (because the flight is very easy), good maneuverability (rudder and ailerons) and sufficient engine load make from our model plane capable to aerobatic.

The best for the sheer pleasure of fly.



<i>Motor</i>	<i>Prop</i>	<i>Cels</i>	<i>Description</i>
SPEED 700/9,6 V+ Gearbox 2,7:1	14 x 9,5	12	Ekonom
AXI 2820/10	11 x 7	10	Sport
Ultra 930/7	10 x 6	10	Akrobat
Ultra 300/3/2	12 x 8	12	Strong Acrobat

Kit contains:

- White color fiberglass fuselage.
- Ready build BSA wing and tail parts. All is machined and sand.
- Undercarriage incl. shaft
- Wheel housing
- All complete accessories incl. struts
- Assembly sketch included.

Shipped in white, sturdy cardboard box with label.

Order Nr.:

3055100 Belanca Champion Citabria ARC

3055200 Belanca Champion Citabria ARF



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PZL 104 WILGA

Specification:

Wingspan 1050 mm
 Length c. 740 mm
 Airfoil: Clark Y
 Wing Area 15,3 dm²
 Flying weight 720 gr.- depend
 on installed equipments.
 Motor nim. Speed 400

RC Function:

Ruder, Elevator, Ailerons,
 Motor (ESC)



Description:

Semi scale of popular Polish plane.
 Is useful for electro propulsion and
 glow up to 1,5 ccm.
 All HW, accessories added.
 Wing is balsa rib - spar construction -
 ready to cover.
 Fiberglass fuselage.
 Short time to assembly.
 Offered in several version - with
 ailerons or without , covered, non
 covered.

Propulsion

Speed 400	Aeronaut155/150	8 cells standart
Speed 480		8 cells speedy plane , basic airbatics
Mega 22/10/7 210/160		8 cells very speedy, overpowered

Kit contain:

- Fiberglas fuselage.
- Ready build wing and tail parts. All is sand reda to cover.
- Terminal arch for wing - vac. moulding
- Wire undercarriage, inclusive , wheel and the cowl of wire undercarriage .
- All complete accessories.
- Assembly sketch included.

Shipped in white, sturdy cardboard box with label.

Order Nr.

Glow		Electro	
3046200	wilga ARF incl. Ailerons	3046250	wilga ARF incl. Ailerons
3046100	Wilga ARC (with Ailerons)	3046150	Wilga ARC (with Ailerons)
3047100	Wilga ARC (without Ailerons)	3047150	Wilga ARC (without Ailerons)

AVENTURA II



Specification:

Wingspan	1100 mm
Length	860 mm
Weight	430 gr.
Wing area	21,5 dm ²
Airfoil	Clark modif.
Propulsion	SPEED 480,
Acce:	7 9 cells / 1200 mAh
Applicable also gas engine to 2 ccm	

RC Functions:Rudder, Elevator, Speed Control and Ailerons

Description:

Semi - scale of US amphibian ultralight plane.

Plane is full capable to start from water level.

Good and guileless fly characteristic

Original of this plane designed by Greg Arnette and Arned Pereyra. This plane certainly looked like a Buccaneer II, but it was, in fact, an original design incorporating many of the improvements Pereyra had made on his own Buccaneer II. Construction of the Aventura was completed on March 10, 1995. Judges there found the new design so attractive, they awarded it the Top Seabird Trophy, Ultralight Class at the annual lake Parker Splash-In- a very popular part of the Sun'n Fun fly-in.

The review of original plane you can see in the magazine CustomPlanes, May 2000.

Kit contains:

- White color fiber glass fuselage
- Almost ready to cover wings - both wing is rib .- spar construction
- Rib spar construction of tail (refined and ready elevator and rudder).
- Parts for pylon assembly.
- Mouldings of canopy , motor cowling, floats, helm.
- Set of decals.
- Building instruction.

Accessories:

All included - i. e.

Plastic screw, metal clevis, bowdens, pushrod, nylon hinges, control horns

Shipped in white, sturdy cardboard box with color label on the top and the side.

Order Nr.:

3036200	Aventura II - ARF
303610	Aventura II ARC

Spare Parts:

3036105	Avent. II - Motorcowling
3036101	Avent. II+Twin - Floatsr - Set
3036104	Avent.II - Wing panels - ARC
3036103	Avent.II - Fiberglass fuselage
3036204	Avent.II -Wing panels - covered
3036102	Avent.II+Twin - Canopy



AVENTURA TWIN

Specification:

Wingspan 1100 mm
 Length c. 860 mm
 Airfoil: Clark modif
 Wing Area 21,5 dm²
 Empty weight 370 gr.

RC Functions: Rudder, Elevator, Speed Control and Ailerons

DESCRIPTION:

Creative variance on most popular aircraft Aventura II.

Now powered by 2 electro motor.

Seen very friendly and nice.

Plane is full capable to start from water level.

Manoeuvrability in the air and also in the water is excellent

Good and guileless fly characteristic



Kit contains:

- White color fiber glass fuselage
- Almost ready to cover wings - both wing is rib - spar construction (covered - depend on version)
- Rib spar construction of tail (refined and ready elevator and rudder).
- Parts for pylons assembly.
- Mouldings of canopy, motor cowling, floats, helm.
- Set of decals.
- Building instruction.
- Complete Accessories: **i.e.** Plastic screw, metal clevis, bowdents, pushrod, nylon hinges, control horns etc.

Shipped in white, sturdy cardboard box with color label on the top and the side.

Order Nr.

3050100 Aventura Twin
 ARC

3050200 Aventura Twin
 ARF

Spare parts:

3050105 Aventura Twin Wing panels - covered
 3050104 Aventura Twin Wing panels - ARC
 3036101 Avent. II+Twin - Floats - Set
 3036102 Avent. II+Twin - Canopy
 3050103 Aventura Twin Fiberglass fuselage



FS - 24 MOTORSPATZ, 1:4

Scale :
M 1:4

Specification:

Wingspan 3.515 mm
Length 1647 mm
Flying weight 4000 - 4500 gr.
Wing area 77,5 dm²
Wing loading 52 - 52 gr/ dm²
Airfoil E 205 modif.
Propulsion Glow 3,5 ccm . 6,5 ccm, 2C, 5 - 10 ccm 4C

RC Functions:Rudder, Elevator, Speed Control (Throttle) and Ailerons, Airbrakes

Recommended propulsion:

Motor	Prop	Pack/cells	Description
Phasor 45/3	12 x 6 APC Slim Electro 12 x 6,5 Aeronaut Cam Carb.	16	Standart
Actro 12 - 6	12 x 6 APC Slim Electro 12 x 6,5 Aeronaut Cam Carb.	16	Sport
Actro 24 - 4	14 x 7 APC Slim Electro 17 x 8 Aeronaut Cam Carb.	16	Sport
Ultra 300/30/3	14 x 7 APC Slim Electro 13 x 8 Aeronaut Cam Carb.	16	Hight effective

Description:

Version of 3.515 mm - scale 1:4 is biggest representative from our "Motorpatz family"
It need very short time for assembling (8 - 10 hours) thank the hight level of prepare.
All parts are ready to prepare for cover.
Skin of fuselage has scale texture - structure of canvas
Is possible made as full scale.

Kit contains:

- White color fiber glass fuselage
 - Almost ready to cover wings - both wing is rib .- spar construction. Air brakes and Servo schacht is built-in
 - Refined and sand all tail parts - are almost ready to cover.
 - Mould of clear canopy incl. ABS frame, fiber glass motor cowl.
 - All mounting hardware i.e. Plastic screw, metal clevis, bowdzens, nylon hinges, control horns
 - Assembly plan, Building instruction
- Shipped in white, sturdy cardboard box.

Order Nr.: 3040100 FS 24 Motorspatz M 1:4 ARC almost ready to cover.



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FS - 24 MOTORSPATZ , 1:5,4

Specification:

Wingspan	2600 mm
Length	1330 mm
Flying weight	- el. ver. c. 2670 gr. - gas. ver. c. 2380 gr.
Wing area	52,7 dm ²
Airfoil	E 205 modif.
Propulsion	electro motor or glow engine 2,5 3,5 c.c.

RC Functions:

Rudder, Elevator, Speed Control (Throttle)
Ailerons



Description:

Semi-scale model of one of the world's first full size motor glider.. This plane started-in first time in August 1957.Original of this plane designed by Scheibe company from Dachau. The quality and popular represent several plane flight up to present day.

The power system makes you entirely independent at the flying site.

Kit contains:

- White color fiber glass fuselage
- Almost ready to cover wings - both wing is rib - spar construction
- Refined and sand all tail parts incl. elevator and rudder. - are almost ready to cover.
- Mould of clear canopy, fiber glass motor cowl.

- All mounting hardware i.e. Plastic screw, metal clevis, bowdzens, nylon hinges, control horns
- Assembly plan

<i>El. motor</i>	<i>Prop .</i>	<i>Acce/cells</i>	<i>Description</i>
Graupner Maxi Set		10	Standard
Speed Gear 700	CAM Fold.Prop 36 x 24(Graupner)	10 - 12	Sport
Ultra 300/30/2	Cam Carbon 12 x 6,5" (Aeronaut)	12	High effective

Battery - Sanyo RC 200 or RC 2400

Shipped in white, sturdy cardboard box.

Order Nr.:

3037100 FS 24 - Motorspatz 2500 mm ARC - white

3037200 FS 24 - Motorspatz ARF - white

3037160 FS 24 - Motorspatz 2500 mm ARC - red

3037170 FS 24 Motorspatz 2500 mm ARC yellow

Spare parts:

3037104 FS 24 Motorspatz -2500 Wing panels - ARC

3037103 FS 24 Motorspatz 2500 - Canopy incl. frame

3037102 FS 24 Motorspatz 2500 Fiberglass fuselage - white

3037170 Yellow

3037101 Motorspatz set of stickers



RV 4 Scale of RV4 produced by Van's Aircraft.

M 1:3,25

Specification:

Wingspan 2150 mm
 Length 1860 mm
 Airfoil NACA 23013.5
 Weight 5200 gr. (ready built plane without engine, RC accessories)
 Weight 8000 gr. (ready to fly)
 Wing area 83 dm²
 Area of elevator 15,5 dm²
 Wingloading 96 gr/ dm²
 Propulsion Two stroke engine 33 - 60 ccm



RC Functions: Rudder, Elevator, Ailerons, Wing Flaps, Throttle

Description: Sport, Tow plane, Aerobatics

Producer of original plane - Van's Aircraft wrote:

The RV-4 holds two people and their baggage. It is designed for engines of 150-160 horsepower, although engines as small as 125 hp and as large as 180 are approved and commonly installed.

The all-around capabilities of the RV-4 are impressive. It is capable of excellent "sport" aerobatics, and several RV-4 pilots have successfully competed in organized aerobatic competitions, scoring well against specialty aerobatic airplanes. First fly was in August 1979



Construction & contains of kit:

- Fuselage - Fiberglass sandwich, white, or yellow color
- Wing and elevator is ready built styro - balsa sheeted.
- Complete rudder and elevator - almost ready to cover
- The firewall and other bulkhead plywood plate.
- Main Undercarriage - Alu.
- Vac. moulded. transparent canopy + ABS frame..
- Quick-build plan included.
- All hardware, plywoods and balsa parts included.
- Shipped in white, sturdy cardboard box..

Order Nr.:

3033100 RV4 - ARC white
 3033170 RV4 - ARC yellow

Spare parts:

3033108 RV4 - Main undercarriage - Dural- Alu
 3033101 RV4 - Canopy
 3033105 RV4 - Fiberglass- wheels spats - white
 3033175 RV4 - Fiberglass- wheels spats - yellow
 3033102 RV4 - Canopy - frame
 3033103 RV4 - Fiberglass - Fuselage - white
 3033173 RV4 - Fiberglass - Fuselage - yellow
 3033106 RV4 - Wing panels - ARC
 3033104 RV4 - Fiberglass motor cowling white
 3033174 RV4 - Fiberglass motor cowling yellow
 3033107 RV4 - Tail parts - ARC



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JUNIOR LIMIT

Specification:

Wingspan 1770 mm
 Length 995 mm
 Airfoil HM 32
 Wing area 29,8 dm²
 Weight 1050-1300 gr.
 Wing Loading 40 gr./dm²

RC Functions:

Elevator, Ailerons, Motor

Description: Hotliner designed for pleasure for 3-D movie.

Fiberglass fuselage and the balsa wings is hi-quality produced.

Successful aerodynamic design and utter quality (in instance rib-spar balsa constructed wing is aid and product by hi-tech technologie) quarantie excellent performance.



Ideal choose for pilots which are crazy to dynamic experience. Plane is friendly, stable and guileless in full scale of fly-speed. Designed also for Direct-Propulsion. Speed 600 with 8 cells is sufficient power set.

Kit contains:

- Color fiber glass fuselage incl. ready to montage placing for stabilizer.
- Balsa ribs - spar wings
- Complete ready to cover stabilizer
- All complete Hardware and accessories

Shipped in white, sturdy cardboard box with color label.

Recommended propulsion

Motor

Speed 600
 Phsor15/4
 HP 220/20/A3P6
 Phasor 30/3

Prop

CamFolding Prop 8x4,5" (Graupner)
 9x5"(Graupner)
 CamFolding Prop 10 x 6"(Graupner)
 11 x 8"

Acce/Cells

8
 8
 8
 10

Description

Standard
 Sport
 High effective
 Speedy

Order Nr.:

3060100 Junior Limit II- ARC
 3060200 Junior Limit II- ARF

S 1 SWIFT



Tech. Data:

Wing span 2880 mm
Length 1520 mm
Airfoil HQW
2/12
Wing area 59 dm²
Gross weight 3200-3600 gr.

RC - Funktion: Ruder, Elevator, Ailerons, Flaps



PZL Swift an special aerobatic glider was designed by famous Polish designer Edward Marganski. Start of the first design in 1990- within 7 months the design of modern "SWIFT S-1" aerobatic glider has been completed and first prototype flown, - after 14 month the final model was ready for competition. Jerzy Makula piloted Swift won world championship in 1991.

Scale of Swift was designed especially for aerobatic flying. Airfoil and wing design also strongest of airframe and wing allow to fly all aerobatic figure. For easy landing air-brakes are installed.

The model save excellent features of original so will allow to pilot reliance in first-class aerobatic plane.

Kit contain:

- Fiberglass fuselage
- In the fuselage are already installed - wing connection tube, nut for stabilizer.
- Wing panels incl all tube for connections, slots for servo and slot for Air brakes.
- Wing panels and stabilizer foam core, abachy covered strong reinforced by fiber glass
- Air brakes and all hardware connection
- All hardware and accessories.
- Canopy inc. frame
- Building instruction

Order Nr.:

3066100	Swift S1 - ARC
3066200	Swift S1 - ARF
3066101	Swift S1 - fuselage
3066102	Swift S1 - wing panels
3066103	Swift S1 - Canopy
3066104	Swift S1 - Instrument board



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MDM-1 - FOX

Specification:

Wingspan	3000 mm
Length	1580 mm
Gross Weight	c. 3910 g.
Wing area	52,75 dm ²
Wing loading	74 g/dm ²
Airfoil	RG 15

Scale - M 1:4,6

RC function : Rudder, Elevator, Ailerons, Air-brakes

Description: Semi-scale of acrobatics sailplane. Designed for strong acrobatis.

Styro wing reinforced by fiber glass, incl. balsa struts, covered by abachi.

All walls in to fuselage CNC

milled. Wing connection system already installed.

Canopy frame - fiber glass, canopy window

Rudder - Fiber glass.



Kit contain:

- White color fuselage, rudder - fiber glass..
- Abachi sheeted foam wing panel incl. Balsa main struts reinforced by fiber glass.
- Hardware for wing join.
- Styro/balsa elevator refined and ready to cover..
- Transparent canopy, canopy frame.
- All walls in to fuselage CNC milled inc. undercarriage mounting.
- Building instruction and assembly plan.
- Air - Brakes.
- All accessories included.

Note:

Ailerons and Air brakes servos are to be mounted in to the wing panel (hole are prepared, plastic case and cover added).

All adjustments are already done.

Shipped in white, sturdy cardboard box. incl. colour label.

Order Nr.:

3029100	Fox 2,55 m - ARC
3029200	Fox 2,55 m - ARF

Spare parts

3029101	Fox 2,55 m - Fiberglass fuselage
3029201	Fox - Stabilizator - ARF
3029102	Fox - Canopy incl. frame
3029103	Fox - Wing panel s - ARC
3029201	Fox - Wing panels - ARF
3029104	Fox - Stabilizator - ARC

MDM-1 - FOX

Specification:

Wingspan	2550mm
Length	1350mm
Weight incl. RC	c. 2100 g.
Wing area	42,1 dm ²
Airfoil	RG 15

RC function : Rudder, Elevator, Ailerons

Description: : *Semi-scale of aerobatics sailplane MDM 1 Fox. Our plane is full aerobatics sailplane. Thank to the wing's aerodynamic design and their airfoil RG 15 is very friendly. We can guarantee excellent fly characteristic in full speed scale and in every fly situation.*



Kit contain:

- White color fiberglass fuselage.
- Abachi sheeted foam wings reinforced by fiber glass.
- Hardware for wing connection.
- Elevator and rudder refined ready to install.
- Transparent canopy, canopy frame
- Building instruction and assembly plan.
- All accessories included.



Note:

Ailerons servos are to be mounted to the wing panel (hole are prepared, plastic case and cover added).

All adjustments and boreholes are done.

Shipped in white, sturdy cardboard box. incl. colour label.

Order Nr.:

3018100	Fox 2,55 m - ARC
3018200	Fox 2,55 m - ARF

Spare parts

3018101	Fox 2,55 m - Fiberglass fuselage
3018201	Fox - Stabilizator - ARF
3018102	Fox - Canopy incl. frame
3018103	Fox - Wing panel s - ARC
3018201	Fox - Wing panels - ARF
3018104	Fox - Stabilizator - ARC



FOKA 4

Specification:

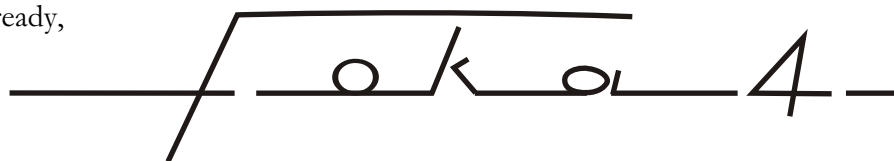
Wingspan 2540mm
Length 1450mm
Airfoil Wortman FX60163,
FX60126

RC function : Rudder, Elevator,
Ailerons

Description: Semi-scale (M 1:5.88)
of high efficiency aerobatics sailplane.
Since the first fly in 1962 plane won 7
world's rekords.
Plane has wonderful flying features.

Kit contain:

- White color fiber glass fuselage,
- Abachi sheeted foam wings forced
by fiber glass,
- Hardware for wing join
- Wing connection already installed,
- Balsas elevator and rudder refined and ready,
- Transparent canopy and canopy frame,
- Building plan, assembly instruction..
- All accessories is added.



Note:

Ailerons servos are to be mounted
to the wing panel (hole are prepared,
plastic case and cover contain).

All adjustments and boreholes are
factory done.

Shipped in white, sturdy cardboard
box. incl. colour label.

Order Nr.:

3019100 Foka 4 - 2,54 ARC
3019200 Foka 4 - 2,54m - ARF

LO 100



Scale M 1:3

Specification:

Wingspan 3330 mm
Length 2070 mm
Airfoil: E 374
Flying weight 7 000 gr. - 9 500 gr.

RC Functions:

Rudder, Elevator,
Ailerons, Flaps.

Description:

Semi-scale of full aerobatics glider.

Designed in 1952 since this time is LO 100 hi performer among aerobatics gliders. Till this time was Lo 100 for modelers thanks elliptical wing very difficult. Now our plane - almost ready to cover offer short time to finish and than only pure aerobatics in the sky. This plane does not restrict you in each of aerobatic evolution. Is available for aero towing and also for soaring.



Kit contains:

- White color fiberglass fuselage,
- Clear transparent canopy - vac. moulded
- Ready for cover built, sheeted, sand wing (plya sheeted styro)
- Wing is reinforced by fiber glass.
- Wing connecting is already installed
- Stabilizer and rudder are done (ply sheeted styro)
- Preparing for Air brakes mounting
- All hardware and accessories.

Assembly sketch and building instruction included.

Shipped in white, sturdy cardboard box with colour label on the top and side.

Order Nr.:

3043100 LO 100 - 3,33m - ACR

SB 14

Specification:

Wingspan 3000 , 3600, 4500,
6000 mm (depend on version)
Airfoil FX 67 - 170/K15
FX 67 - 150/K15
FX60 - 126

RC function : Rudder, Elevator,
Ailerons, Air-brakes



Description:

Scale of high efficiency sailplane - M1:6,
M1:5, M 1:4
Developed by Flight academie in
Braunschweig (Germany).
First flight of real plane - October 1999.
Developed team designed super orchid
with excellence aerodynamic and flight
characteristic.

Kit contains:

White color fiberglass fuselage,
Wing is ready abachi sheeted foam wings forced by fiber glass,
Aaileron fully shaped, ready for covering.
Tail part are ready for cover.
Canopy, canopy frame.
Building instruction, assembly plan.
All hardware included.

Version:

Wingspan	Lenght	Weight :	Scale
3000 mm	1112 mm	2000g .	M 1:6
3600 mm	1335mm	3000g	M1:5
4500 mm	1668 mm	4800 g.	M1:4

Shipped in white , sturdy cardboard box.

Options part: Air-brakes - must be ordered separetely

Order Nr.: 3026100 SB 14 3.0 m ARC
3026101 Airbrakes 250/10 for SB 14 3.0
3027100 SB 14 3.6 m ARC
3027101 Airbrakes 300/16,5 for SB 14 3.6
3028100 SB 14 4.5 m ARC
3028101 Airbrakes 370/16,5 for SB 14 4.5
3029100 SB 14 6.0 m ARC
3029101 Airbrakes 450/16,5 for SB 14 6,0

SHK

Scale M 1:4

Specification:

Wingspan 4250 mm
 Length 1580 mm
 Airfoil: FX 61 147
 FX 61
 131/k15
 FX 60 - 126
 Flying weight 5000 gr.

RC Functions:

Rudder - Elevator,
 Ailerons, Spoilers.

Description:

Desing of SHK based on the famous previous type Standart Austria. Between 1963 - 1965 SHK won several world records. SHK has offered the best climbing, gliding and others performance than others glider in this time. Very aerodynamic convenient "V" tail parts take not only hi performance but also individual silhouette. Our plane is in scale M 1:4



Kit contains:

- White color fiberglass fuselage,
- Canopy frame ABS moulding
- Clear transparent canopy
- Wing ready for cover built, sheeted, joined, ailerons fully shaped sand,
- Wing is reinforced by fiber glass.
- Spoilers already mounted
- Pre-prepared eilerons and wings servo mount.
- Balsa's rudder and elevator "V" (refined and ready elevator and rudder).
- White plastic surface mount system in to wings (shaft with cover) and all other mount accessories.

Shipped in white, sturdy cardboard box with colour label on the top and side.

Order Nr.

3044100 SHK - ARC

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ATHON

Specification:

Wingspan 1850 mm
 Length 1600 mm
 Airfoil: NACA 0012 (root)
 NACA 0010 (end)
 Wing Area 53,9 dm²
 Flying weight 4000 - 4300 gr.
 (without fuel)
 Engine from 12,5 ccm

RC Functions:

Rudder, Elevator, Ailerons,
 Motor, Undercarriage

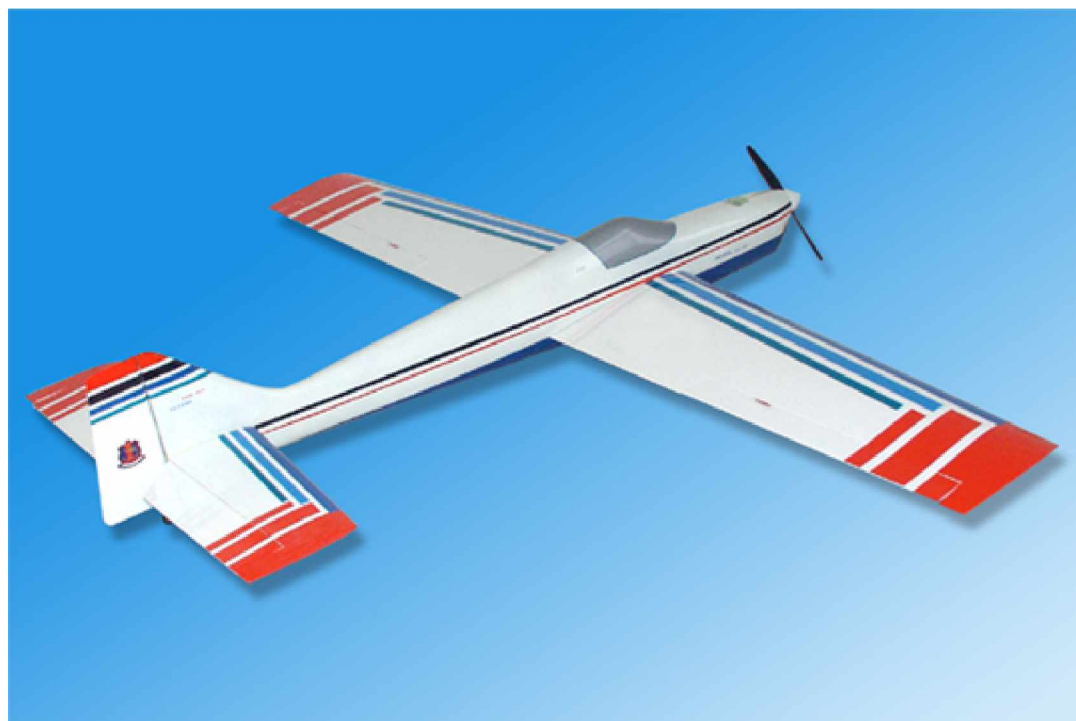
Description:

Full acrobatic plane, designed for F3A.
 Thank removable canopy (or bootom parts of motor cowling) load of battery pack for electro propulsion is very easy.
 Light construction - most suitable for electro propulsion.

<i>Motor</i>	<i>Prop.</i>	<i>Cells</i>
<i>Ultra 300/30/3</i>	<i>11 x 7 APC Slim Electro</i>	<i>20</i>
<i>HP 370/30/A2</i>	<i>11x7 - 12x8 APC Slim Electro</i>	<i>24</i>
<i>HP 370/40/A3</i>	<i>16 x10 APC Slim Electro</i>	<i>30</i>

Kit contains:

- White color fiberglass fuselage,
- Vac. mould., canopy incl. ABS frame
- Ready for cover built, sheeted, ailerons fully shaped sand wing,
- Wing is foam sheeted, reinforced by fiber glass.
- Pre-prepared wings servo mount incl. white plastic surface mount system.
- Ready to cover rudder and elevator
- HW and accessories.



- Building instruction incl. plan added

Shipped in white, sturdy cardboard box with label on the top and side of box.

Order Nr.

3053100 ATHON ARC
 white fuselage

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TANGO

Specification:

Wingspan 1600 mm
 Length 1220 mm
 Empty weight 1100 gr.
 Flying weight 2200 gr.
 Wing area 45 dm²
 Airfoil NACA 0012
 Wing loading 50 gr/dm²
 Engine recommended:
 6,5- 10 c.c. 2T,
 8.8 15 c.c. 4 T
 - applicable also electro-motor

RC Functions: Rudder, Elevator, Throttle, and Ailerons

Description:

An ideal trainer, suitable for aerobatics flying lessons.

Designed for training and condition flying of aerobatics.

Capability of full free 3D aerobatics depend on installed engine.

Plane need so quick prepare time for finish to fly thanks to high level of kit s preparing.

- The firewall (glow engine) and all bulkhead incl. landing attachment are already glued.

The thrust angles, wing incidence, and stabilizer incidence are already done.



Recommend electro propulsion::

Motor	Prop	Pack/cells	Description
Mega ac 22-30-4-6	Elektro 10 x 6" (Aeronaut)	16	Standard
Phasor 45/3 (JETI)	Elektro 10,5 x 7" (Aeronaut)	16	Sport
Ultra 300/30/2	Elektro 10,5 x 7" (Aeronaut)	14	Sport

Battery: Sanyo RC 2000, Sanyo RC 2400



Kit contains:

- Colored fiberglass fuselage and motor cowl (White, Yellow)
- White color fiberglass winglets
- Full balsa rib spar wings - wing is refined and ready to cover.
- Ready refined and sand parts of the fin and stabilizer.
- Alu undercarriage.
- Clear vac. molded canopy.
- Assembly plan, and building instruction.
- **All accessories i.e.:**
Plastic screw, metal clevis, bowdins, pushrod, nylon hinges, control horns etc.

Assembly plan and building instruction is added.

Shipped in white, sturdy cardboard box with

description label on the top.

Order Nr.:

3035100 Tango - ARC (white fuselage)
 3035170 Tango - ARC (yellow fuselage)
 3035200 Tango - ARF (white fuselage)
 3035270 Tango - ARF (yellow fuselage)
 3035101 Tango - Winglette crooked
 3035102 Tango - Winglette plain

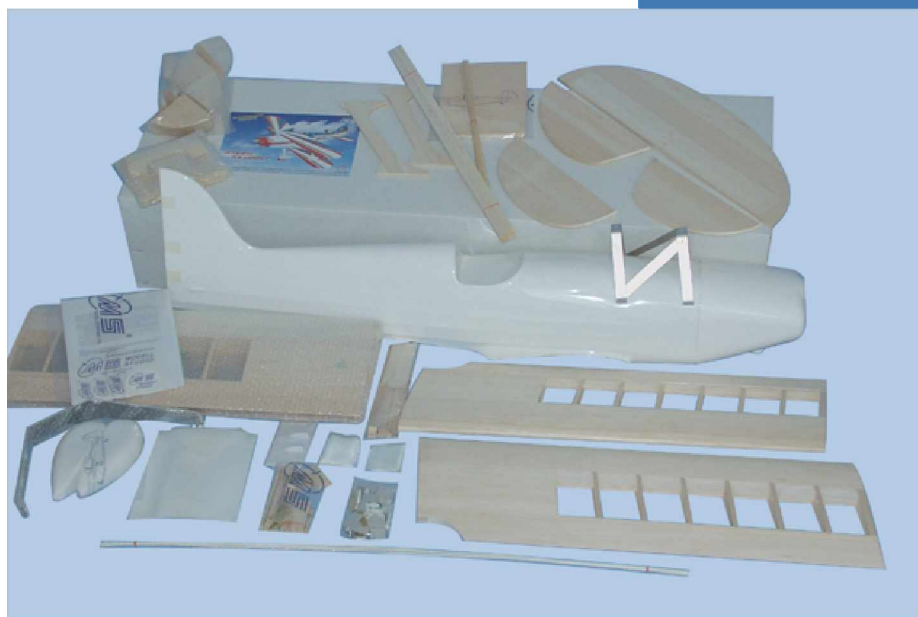
STEEN SKYBOLT

Almost ready to cover

Specification:

Wingspan 1710mm
 Length 1480mm
 Airfoil: upper wing - NACA 63 - 2 - A015,
 bootom wing NACA 0012
 Wing Area 88 dm²
 Gross Weight cca. 5900 - 8000 gr.
 Engine recommend:
 2 cycle 25 50 c.c.

RC functions : Rudder, Elevator, Ailerons, Motor.



Description:

A semi scale almost ready to cover kit of one of the most beautiful aerobatics planes.

A fully aerobatics.

Bi - plane.

Kit contains:

- White color fiberglass fuselage with paste in baldachin.
- Fiberglass motor cowling
- Counter for bottom wing.
- Fiberglass cover for bottom wing, motor cowl and wheel housing.
- Windshield.
- The wing are balsa ribs/spar and hardwood construction almost ready to cover .
- All part of wings are prepared ribs, struts, nose and ending struts etc.,

- Assembly plan and building instruction included
- Alu main landing gear and other accessories.

Note:

The plane is non covered only.

Shipped in white, sturdy cardboard box incl colour label..

Order Nr:

3016100 Skybolt Canopy version ARC

3017100 Skybolt ARC - opened canopy



STEEN SKYBOLT

Double Seater version



Specification:

Wingspan 1710mm

Length 1480mm

Flying weight

cca. 6 - 8000 gr.

Engine recommend:

2 cycle 25 50

c.c.

RC functions : Rudder,
Elevator, Ailerons
Motor.

Description:

A semi scale kit of one
of the most beautiful
aerobatics planes.

A fully aerobatics.

Bi - plane.



Kkit contains:

- White color fiberglass fuselage
- Baldachin - central wing - fuselage attachment are already built and glued in to fuselage,
- Counter for bottom wing.
- Wing incidence, stabilizer incidence done.
- Fiberglass cover for bottom wing, motor cowl and wheel housing.
- Windshield.
- The wing are balsa ribs/spar and hardwood construction.
- All part of wings are prepared ribs, struts, nose and ending struts (incl. all notch) etc.,
- The firewall and all bulkhead.
- Build plan M 1:1 is added.
- Alu main landing gear and other accessories.

Note:

The non - covered version is available only.

Shipped in white, sturdy cardboard box.

Order Nr:

3016000 Steen Skybolt - Quick built kit - canopy version

3017000 Skybolt - Quick built kit opened canopy

NEXT



SKY - DOG



Specification:

Wingspan	2340mm
Length	1600mm
Flying weight	c. 5500 gr.
Wing area	ca. 70 dm ²
Airfoil	NACA 4415 - 13,5%

Engine required over 15 c.c., optimal:
20 c.c.

RC function : Rudder, Elevator,
Ailerons, Throttle, Flaps



Description:

Plane designed for aero - towing.

It is a fine, and sleek - looking model.

The cockpit area is enormous and can accommodate a video camera for example.

The plain is full balsa construction balsa fuselage with plywood and hardwood parts.

The ready for cover prepared wings construction is balsa ribs/spar with pine spars and balsa sheeting at leading and trailing edges.

Thanks fully balsa construction it is easy to repair.

Ailerons and flaps servos are to be mounted in each wing panel.

All adjustments i.e. thrust angles, wing incidence, stabilizer incidence are factory done.

Kit contains :

- Ready built fuselage
- Ready parts for stabilizer and fin
- Canopy - vac. molded
- Motor cowling (two parts - vac. moulded)
- Wing is ready built, flaps and ailerons are fully shaped - ready to cover
- Alu main landing gear
- Wing struts with all mount accessories
- All hardware and accessories for mounting (i.e. wheels shaft, nylon hinges, nylon screw, metal clevis, mounting set for wing servos, hardware for wing connection etc.).

Assembly plan included.

Shipped in white, sturdy cardboard box incl.colour labels..

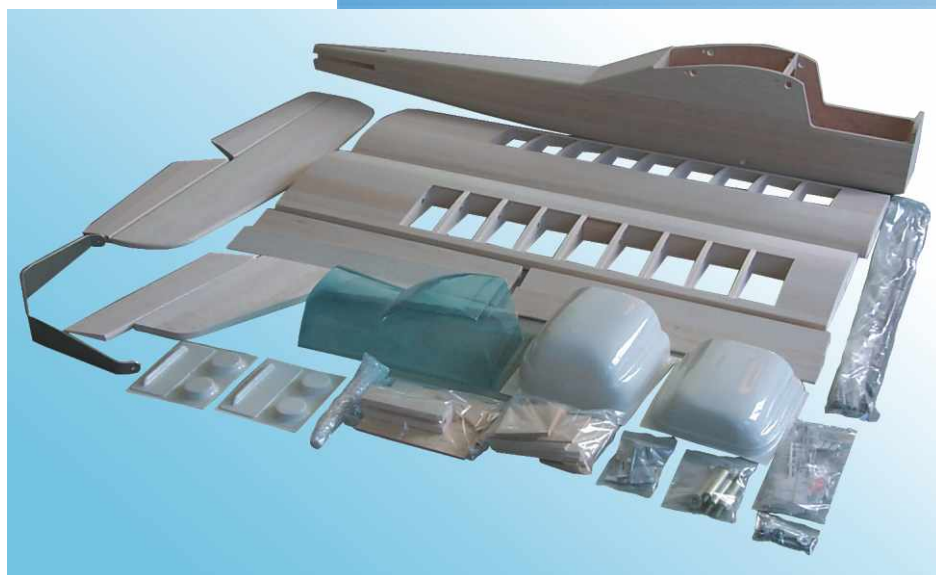
Order Nr.

3008100 Sky Dog - ARC

Option parts - must be ordered separately

- 3008101 Fiber glass winglets for Sky- Dog
- 3008102 Fiber glass motr cowling

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ZABARAK



Specification:

Wingspan	1500 mm
Length	1170 mm
Flying weight	1800 gr.
Wing area	31 dm ²
Airfoil	E205 modif.
Wing loading	58 gr/dm ²

RC Functions:

Rudder, Elevator, Ailerons,
Motor



Description:

An ideal plane for beginners in E- powered planes with ailerons.

High level of pre prepare kit.

All is ready build, refined - very short time for finish.

The thrust angles, wing incidence, and stabilizer incidence are already factory done.

Recommend propulsion set:

<i>Motor</i>	<i>Gear</i>	<i>Prop</i>	<i>Pack/cells</i>	<i>Description</i>
Speed 600BB 8,4V		Elektro 8,5 x 5" (Aeronaut)	8	Standard
Speed Gear 500 SP Race	2,8:1	Elektro 10 x 6" (Aeronaut)	8	Sport
Speed 600 Race 8,4V	3,54:1	APC Slim elektro 12x8"	8 - 10	Sport
	-Aeronaut-			
Phasor 15/4 (JETI)		Elektro 8,5 x 6" (Aeronaut)	8	Sport
Phasor 30/3 (JETI)		Elektro 10,5 x 7" (Aeronaut)	8 - 10	High effective

Battery: Sanyo RC 2000, Sanyo RC 2400

Kit contain:

- Ready build balsa's fuselage.
- Ready build wing and tail parts.
- All machined



- Alu undercarriage, inclusive axle for wheel.
- Blue color transparent canopy.
- All complete accessories.
- Assembly sketch included.

Shipped in white, sturdy cardboard box with label.

Order Nr.:
3025100 Zabarak ARC



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ALLEGRO



Specification:

Wingspan 1520 mm
Length 1210 mm
Flying weight 2100 gr.
Wing area 40,8 dm²
Airfoil NACA 0015
Wing loading 51,5 gr/dm²
Engine recommended: 6,5 - 10 c.c.

RC Functions: Rudder, Elevator,
Throttle, and Ailerons

Description:

An ideal trainer, suitable for beginners and aerobatics flying lessons.

Designed for installation of glow engine.

Engine required: 6,5 - 10 c.c..

Electro propulsion can be installed

Full balsa construction (easy to repair).

Kit contains:

- Ready to cover - paint finished fuselage
 - Two half of the ready sand wing (refined and ready elevator and rudder). Ready to cover
 - Wire main landing gear.
 - Clear plastic molded canopy and motor cowl.
 - All hardware incl. plastic screw, metal clevis, bowdenns, pushrod, nylon hinges, control horns, white plastic surface mount system in to wings shaft with cover, pushrods
- The thrust angles, wing incidence, and stabilizer incidence are all already done.

Recommend electro propulsion set:

Mega ac 22-30-4-6	Elektro 10 x 6" (Aeronaut)	16	Standard
Phasor 45/3 (JETI)	Elektro 10,5 x 7" (Aeronaut)	16	Sport
Ultra 300/30/2	Elektro 10,5 x 7" (Aeronaut)	14	Sport

Assembly plans added.

Shipped in white, sturdy cardboard box.

Order Nr.: 3007100 Allegro - ARC



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CLIPPER

Specification:

Wingspan	1860 mm
Length	1020 mm
Airfoil	SD 3021 9/7,5%
Wing area	30,8 dm ²
Weight glider c.ca.	650 gr.
Gross weight	Cca. 1050 gr.
Wing loading	18 30 gr/dm ²
NiCad	7 8 Cell

RC Functions:

Rudder, Elevator, ESC (Electronic Speed Control)

Recommended propulsion:

8 x Sanyo 1250 SCRL

Graupner Speed Gear 480

Plus Ord. Nr. 6322

Prop: Graupner CAM

GEAR prop Ord. Nr. 1324.25.20

or Aeronaut 30,5/16

Ord. Nr. 7234/46

Sufficient propulsion: Graupner Speed

Gear 400 Ord. Nr.: 1719

prop. Graupner 1324.25.20

Description:

The 'Clipper' is very easy to fly with excellent flight characteristics and performance. The airfoil used is the well known SD 3021 which has uncompromised aerodynamic features guaranteed. In addition the shaping of the fiberglass wingtips, as well as strengthening these usually vulnerable parts of the wings, also have aerodynamic value. The very high quality prebuilt wing comes complete with the wingtips already made and ready to be attached. The wing, horiz. stabilizer and rudder only have to be finished with your choice of film covering. The overall prebuild of the kit is to the highest standard for this aircraft category with a beautiful fiberglass fuselage.

'Clipper' can be finished as a pure sailplane, or as an electric-powered glider. In the latter case, any power unit in the 400 - 480 range may be used, although we recommend a geared motor complete with folding propeller for best efficiency and maximum flight duration

The design of the fiberglass fuselage makes it possible to choose many types of propulsion starting from 400 right up to 600 size as there is plenty of space.

Removing the power battery pack is quick and easy through the removable canopy.

Kit contains:

- . White finish fiberglass fuselage.
 - . Blue finish fiberglass canopy.
 - . Fiberglass wingtips - 2pcs.
 - . Four ready to cover pre-built wing panels
 - . Prebuilt horiz. stabilizer and rudder complete with fittings, also ready to cover.
 - . Control cables and all other accessories.
 - . Building instructions and assembly plan.
- . All fittings of the wing to the fuselage, control cable installation, leading edges of rudder etc, is already done.

The aircraft only needs a very short time for assembly.

The 'Clipper' is shipped in a white, sturdy cardboard box with a coloured label on the top and sides.

Order No.: 3032100

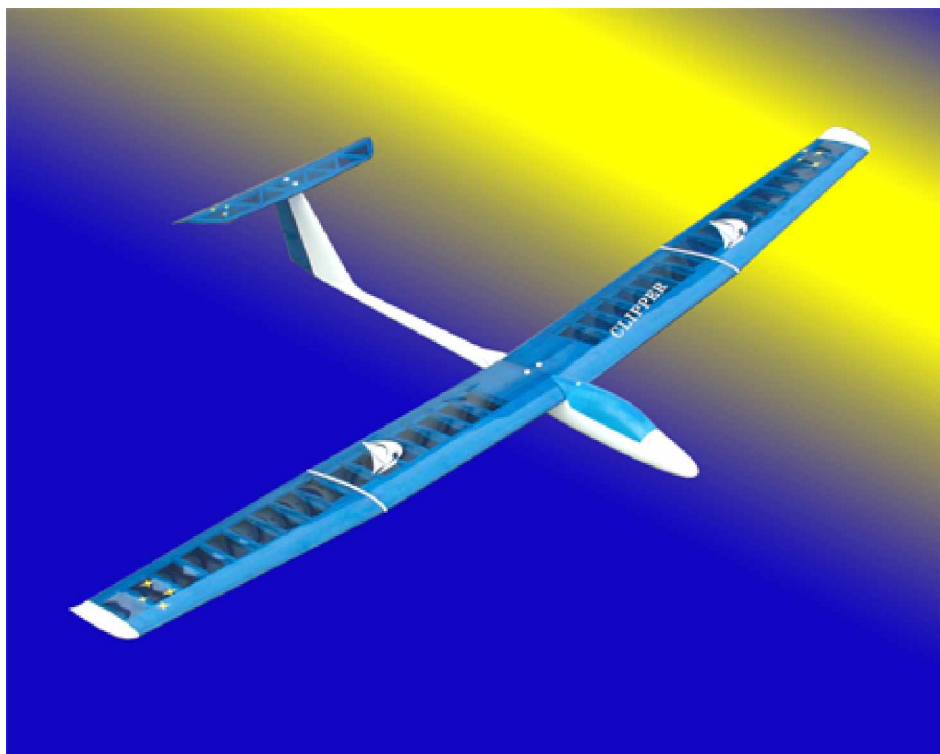
Clipper - ARC

Optional parts 3032150

Set of decals - 'Clipper' markings



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SPIDER



Specification:

Wingspan	1530 + 18mm (winglets)
Length	1120mm
Flying weight	740 gr. (sail version)
Wing area	30,8 dm ²
Airfoil	E205 modif.
Wing loading	24,2 gr/dm ²
Engine recommend	Speed 480
NiCAccu	6 8 Cell

RC function: Rudder, Elevator, Ailerons, Motor

Description:

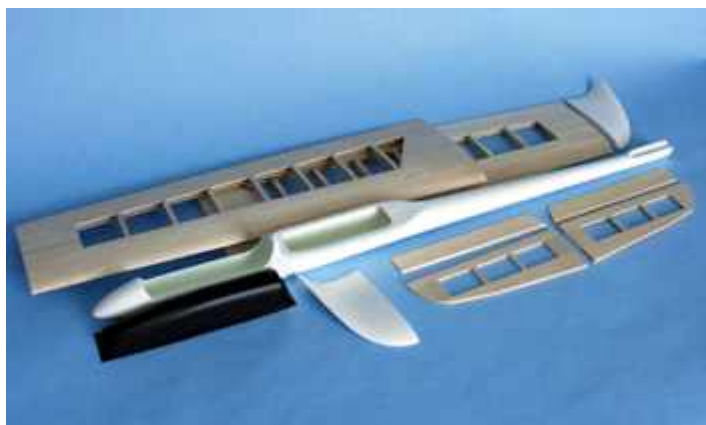
Special as sailplane either for advance flyer and is suitable for beginners electro pilot as well.



Propulsion:

Motor

<i>Prop</i>	<i>Acce/cells</i>	<i>Description</i>	
Speed Gear 400(6V)(Graupner)	Cam Gear 28/20 (Graupner)	7 - 8 (500AR)	Standard
Speed Gear 480 (Graupner)	Cam Gear 25/20 (Graupner)	7 - 8 (500AR)	Sport
Phasor 15/4 (Jeti)	Cam Carb 9,5 x5"(Aeronaut)	8 (1250 SCR)	High effective



Kit includes:

- White color (other colors available upon request) fiber glass fuselage.
- Ready fin, elevator, rudder or set for "V" tail,
- Canopy, canopy frame.,
- Balsa ribs/spar wings - ready to cover.
- All hardware

Assembly plan included.

Wing incidence, and stabilizer incidence are factory done.

Shipped in white, sturdy cardboard box.

Order Nr.:

3014100	Spide -"T" ARC
3014100	Spider "T" ARF
3015100	Spider "V" - ARC
3015200	Spider "V" ARF
3015101	Fiberglass winglety for Spider - pair
3015110	Spider Set of Spiders decal

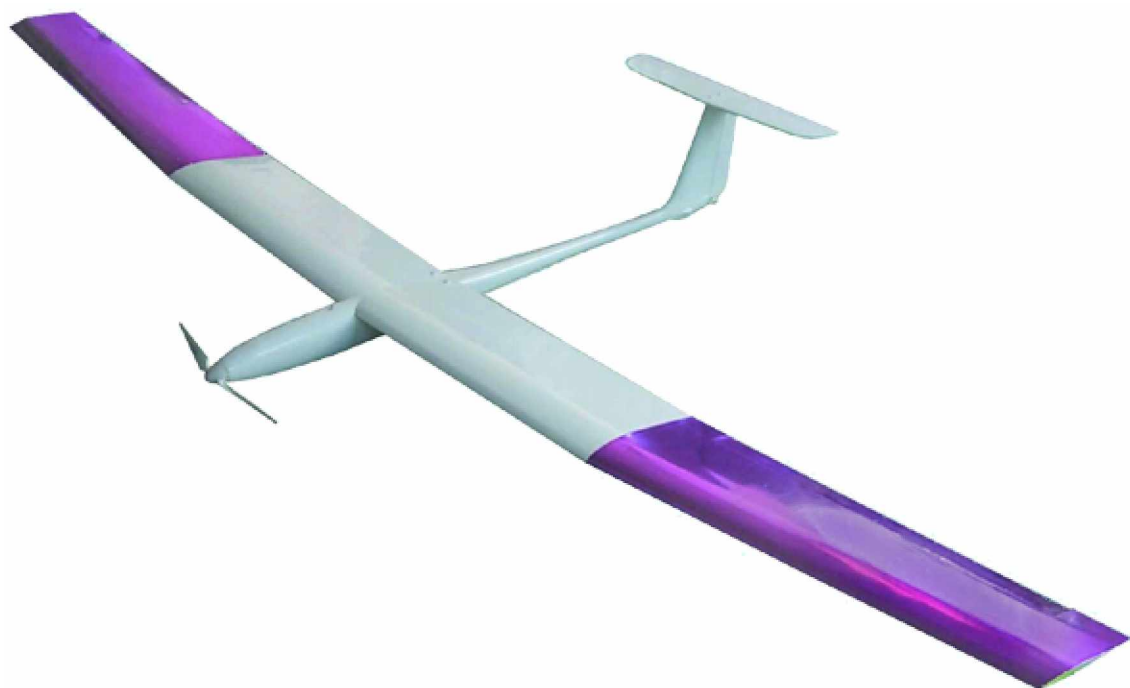


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THERMIC "T"

Specification:

Wingspan	2700mm
Length	1300mm
Flying weight	1900-2200
gr.	
Wing area	58 dm ²
Airfoil	E205 modif.
Wing loading	29 gr/dm ²
Propulsion recommended	
--see the next pages	
NiCAccu	6 10 Cell



RC Functions:

Rudder, Elevator, Ailerons,
Motor, Flaps

Description:

- Almost ready plane with balsa rib/spar construction wings (wing is almost ready to cover), white color fiberglass fuselage "V" or "T" version.
- Designed for thermal soaring flight
- El. motor can be installed
- Suitable especially for beginners, leisure times and the long duration flying...
- By the different rear parts Modell Studio offer the following variety::
- "V" or "T" versions.
- The ready wings are rib/spar construction, one half contain from two parts
- Consumer only paste together this two parts.

The kit contains:

- Either white colour fiberglass fuselage ("T" or "V" tail depend on version),
- Four parts of wings (wings has all the holes for servos wires and connection),
- Wire and connection rod for wing,
- Bowden pushrod,
- Nylon screw, hinges, clevis,
- Coloured fiberglass canopy,
- White color plastic surface mount system in to wings (shaft with cover) and all other accessories.
- T version of fuselage has paste in arm for elevator drive
- The firewall and all other bulkhead,.
- All hardware
- Building instruction and assembly plan.

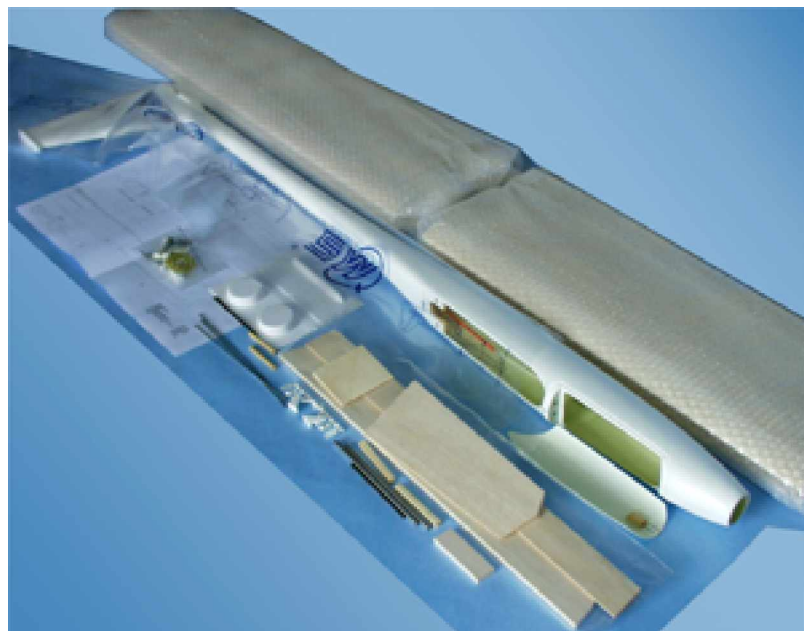
The thrust angles, wing incidence, and stabilizer incidence are factory done.

Shipped in white, sturdy cardboard box.

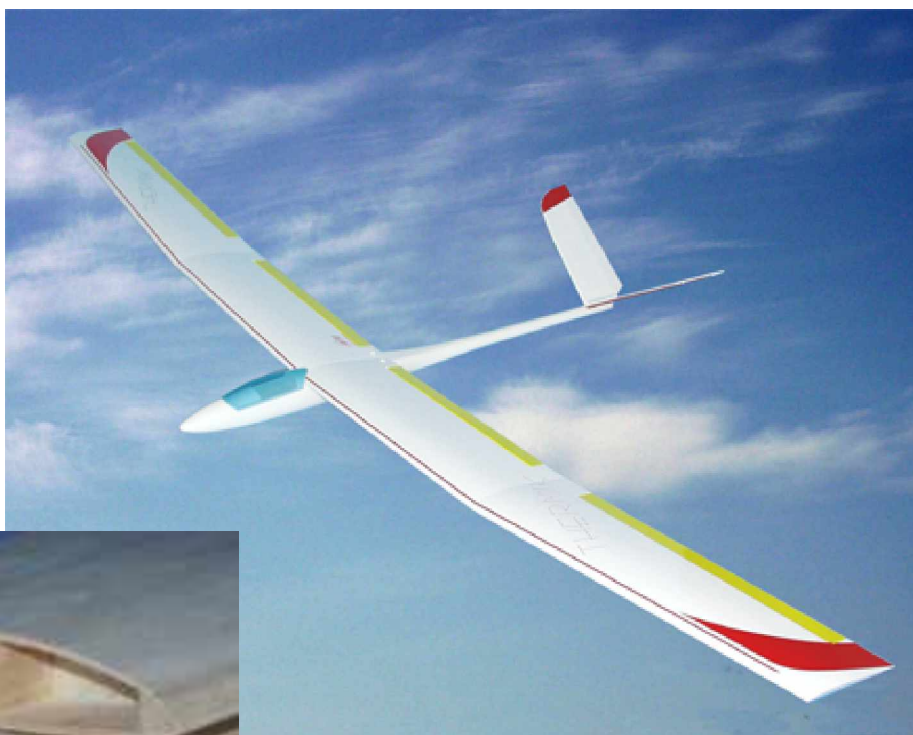
Order Nr.:

3005100 Thermik - T - ARC
3006100 Thermik - V - ARC

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THERMIC "V"



Recommended propulsion:

<i>Motor</i>	<i>Gear</i>	<i>Prop</i>	<i>Acce/ cells</i>	<i>Description</i>
Speed Gear 8,4	2,5:1	CamGear 30/25 (Graupner)	8	Standard
Mega Mini 10L		Cam Carbon 12x6,5" (Aeronaut)	8-10	Sport
Ultra 1300-7		Cam Carbon 12x6,5" (Aeronaut)	8-12	Spotr - high effective
Phasor 30/3 (JETI)		CamCarbon 14x9"	12	Extreme duration (more than 1 hour)

Battery:

Sanyo RC 2000
Sanyo RC 2400

33006100 Thermik - V - ARC



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TWISTER

Specification:

Wingspan	2560 mm
Length	1250 mm
Flying weight	2200 gr.
Airfoil	Eppler 378
Wing area	44,1 dm ²
Wing loading	50 gr/dm ²

RC Functions: Rudder, Elevator, Ailerons, Motor

Description: this sailplane (may be converted to electro sail plane) is designed for thermal, slope flying and contest.

The kit contains:

- White color fiber glass fuselage with paste in arms for the elevator.
- Abachi sheeted foam wings
- Hardware for wing join
- Ready to cover balsas elevator and rudder.
- Vac. moulded canopy, vac. moulded frame.
- All hardware and accessories included.
- Assembly plan

Propulsion:

Motor	Prop	Acce/Cells	Description
Speed Gear 8,4	CamGear 30/25(Graupner)	8	Standard)
Mega Mini 10L	CamCarbon 12 x 6,5"(Aeronaut)	8-10	Sport
Ultra 1300-7	CamCarbon 12 x 6,5"(Aeronaut)	8-12	High effective

Battery : Sanyo RC 2000, Sanyo RC 2400

Note:

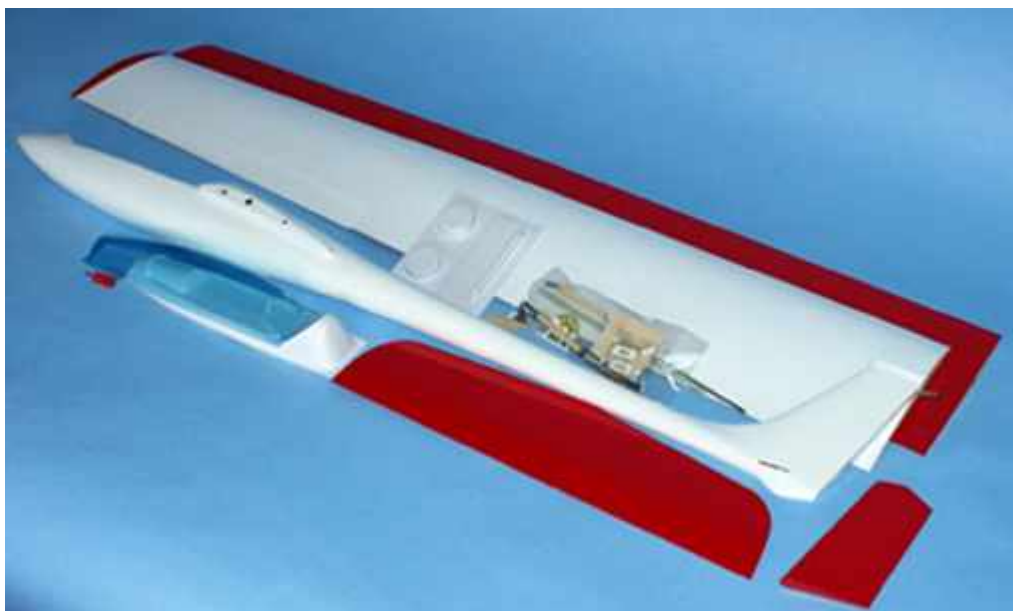
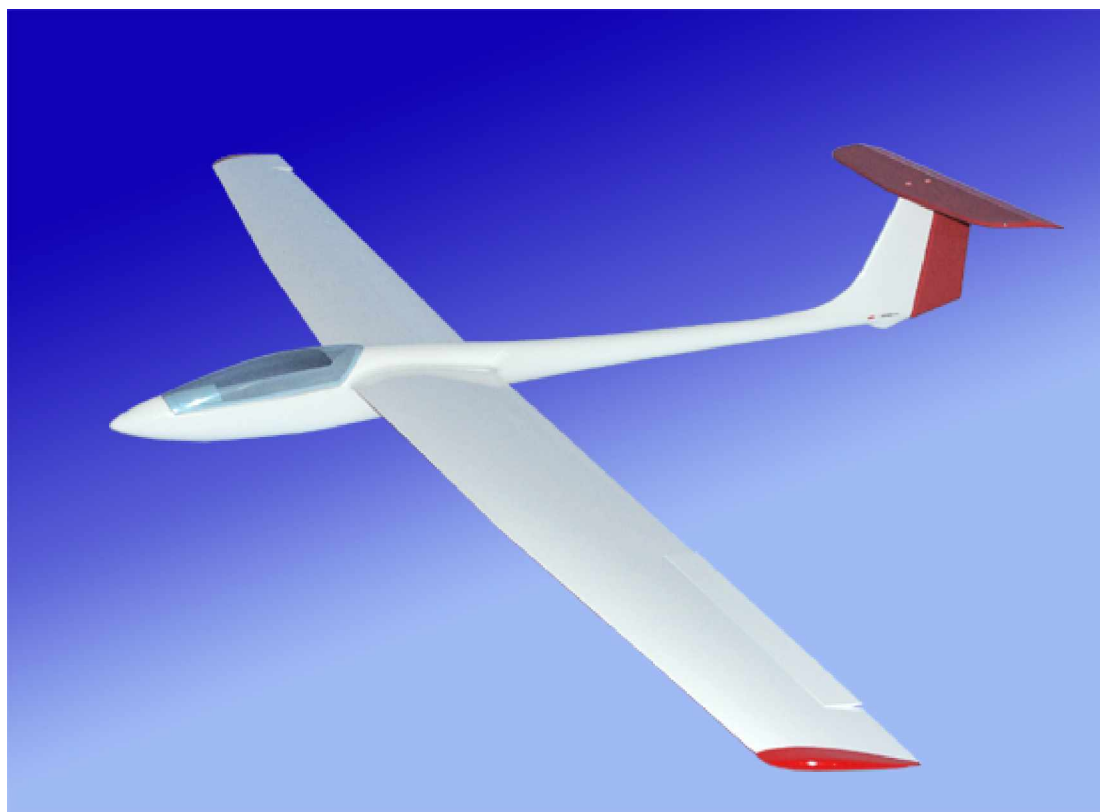
Ailerons servos are to be mounted into the wing panel (hole are prepared, plastic case and cover added).

- The wing incidence and stabilizer incidence are factory done.

Order Nr.:

3020100	E1- Twister - ARC
3020200	E1- Twister - ARF

Shipped in white, sturdy cardboard box.



SATURN

Specification:

Wingspan 2280mm
 Length 1160mm
 Flying weight 1800-2100 gr.
 Wing area 44 dm²
 Airfoil E205 modif.
 Wing loading 40 gr/dm²
 Electro propulsion can be installed

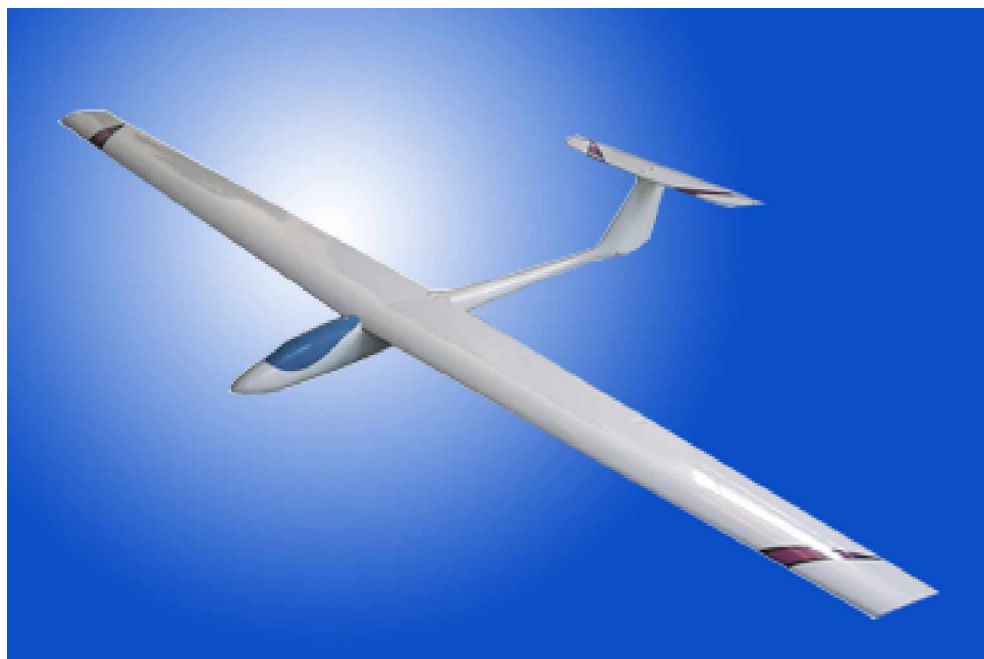
RC function : Rudder, Elevator, Ailerons, ESC(Electronic Speed Controller)

Description:

Sailplane (may be converted for electro sail plane) is suitable for beginners and also for advanced pilots.

Saturn is also capable to fly aerobatics figures.

You will find it very friendly.



Propulsion:

Motor	Prop	Acce/cells	Description
Speed Gear 8.4 (Graupner)	Cam Gear 30/25 (Graupner)	8	Standard
Mega mini 10 L	Cam Carbon 12 x 6,5" (Aeronaut)	8 - 10	Sport
Ultra 1300 - 7	Cam Carbon 12 x 6,5" (Aeronaut)	8 - 12	High effective

Battery - Sanyo RC 2000, RC 2400

Kit contains:

- White color fiberglass fuselage with paste in arms for the elevator
- Abachi sheeted foam wings - almost ready to cover
- Hardware for wing join
- Balsas elevator and rudder are, refined - almost ready to cover
- Canopy, incl. frame

Accessories and all hardware are included.

The wing incidence, and stabilizer incidence are factory done.

Note:

Ailerons servos are to be mounted into the wing panel (holes are prepared, plastic case and cover added) .

Shipped in white, sturdy cardboard box.

Order Nr.:

3001100 Saturn - ARC

3001200 Saturn - ARF

Ersatzteile

3001102 Saturn Canopy

3001103 Saturn Wing panels - ARC

3001201 Saturn - Wing panels - ARF - covered

3001101 Saturn - Fiberglass fuselage

FLIP PRO



Specification:

Wingspan 2850 mm
Length 1300 mm
Airfoil: E 205
Flying weight - glider 2400 gr.
el. glider 3300 gr.

RC Functions:

Rudder, Elevator, Ailerons, Air brakes, Speed Controller.

Description:

RC glider designed for competition.
Electro propulsion can be installed.

Propulsion:

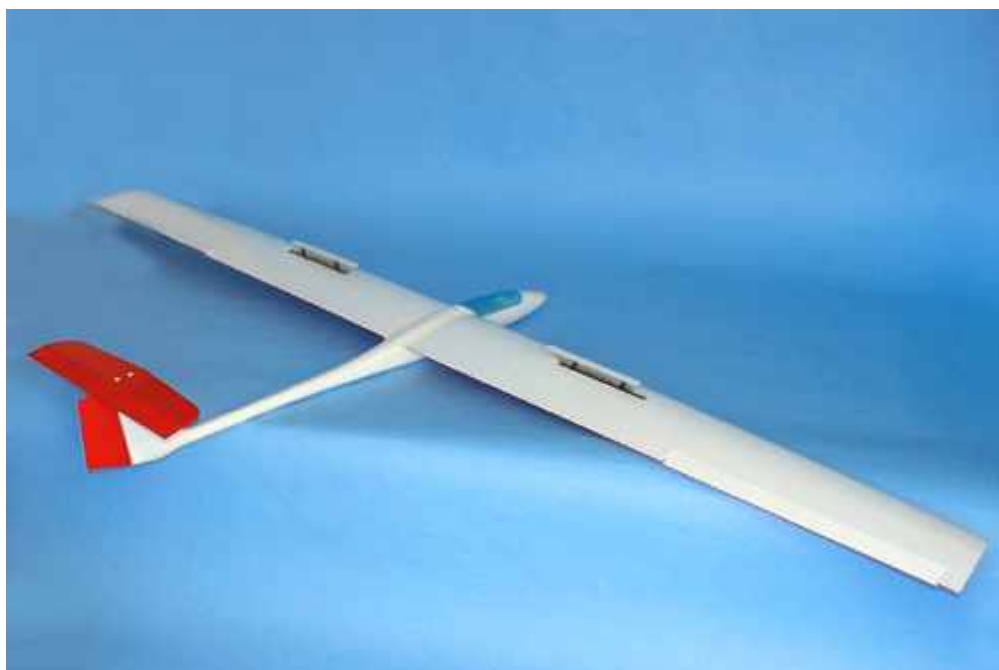
Motor	Gear	Prop	Acce/ cells	Description
Graupner Maxi set			10	Standard
Phasor 45/3(JETI)		CamCarbon12x6,5"(Aeronaut)	12 -14	Sport
Ultra 220/20-3	4,5:1	CamCarbon14x9" (Aeronaut)	14	High effective

Battery:

Sanyo RC 2000
Sanyo RC 2400

Kit contains:

- White color fiberglass fuselage
- Rudders and elevators pulleys are ready mounted.
- Canopy frame ABS vac. moulded
- Blue color transparent canopy - vac. moulded
- Ready for cover built, sheeted, ailerons fully shaped, sand wing (Abychi - styro)
- Wing is reinforced by fiber glass.
- Wing connecting is done.
- Elevator and rudder are done (balsa)
- Spoilers are mounted
- All hardware and accessories.



Assembly sketch included.

Shipped in white, sturdy cardboard box with description label on the top and side.

Order Nr.

3042100 Flip Pro - ARC



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LF 107 LUNAK



Plastic Kit
M 1:48

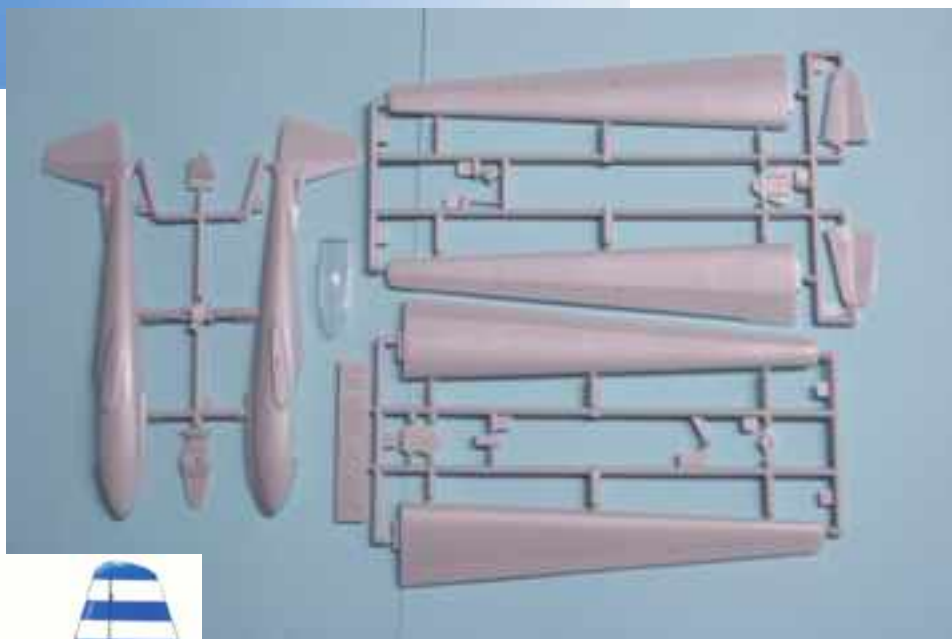


Hi performance glider - designed after the WW.II Thanks to Lunak the Czech pilots may return to top of gliding pilots in 50 years. Allowed top class gliding to plenty of Czech pilots.

Kit contain - all plastic parts , canopy , Hi precision decals. Assembly plan

Wing span 300 mm

Part No. 3062100



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L13J BLANIK



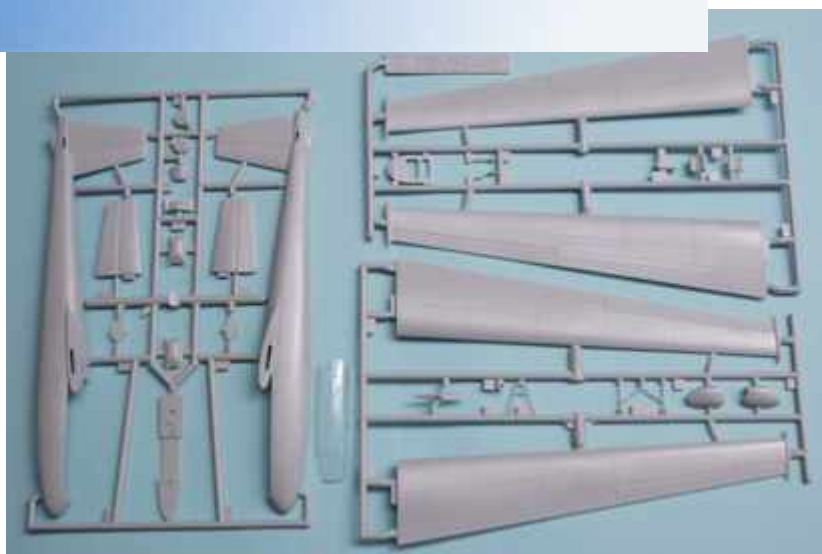
Plastic Kit M 1:48



Plastic kit of full metal schooling glider. Excellent features, strong airframe and long-life of this glider is a basic of famous and popular not only in Czech. Were exported to more than 40 countries from Europa to Australia. In instance - to America 236 pc, to Germany 137 and much others. At the beginning of 60 years an motor were installed. This adaptation were product under the name Vivat.

Kit contain - all plastic parts - , canopy incl. cockpit, hi - precision decals. The kit allow to finish glider or - motor-glider version.

Part No.r. 3061100



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PILATUS TURBO PORTER

Slow - Flyer

Specification:

Wingspan 1000 mm
Length 665 mm
Flying weight
205 gr. (plus Battery pack -
Li-on 90 gr.,
7 x NiCd 500 mAh 145 gr.)
Wing loading 14 dm²

RC Functions:

Rudder, Elevator, Motor

Description:

Semiscale of the Pilatus - most popular up-to date "Sky - horse" . Served from Australia to the Artic.

Our Semiscale has a same flight characteristic and ability like original - you can only find a place for store more easy.



Modell is suitable for "in door " and "out door " performance.

Kit's main components are made of vacuum formed foam parts (painted two half of wings, complete fuselage)

Although the plane is in concept Slow Flyer it shows really good flight characteristic, like the origal Pilatus. Undercarriage is cushionned !

Kit contain:

- Ready buid - up, painted fuselage
- Propulsion set (MIG 200, propeller),
- Elevator, ruder are complete installed incl. control horns.
- Leading edge is reinforced.
- Wheel, cushioning main landing gear, other accessories.

"Explosive " assembly sketch included.

Recommended propulsion: added in the kit.

Motor	Gear	Prop
MIG 200	-	Ghünter - added

Pack/ cells	Description
described above	Sport

Quick and easy assembly.

Shipped in white, sturdy cardboard box. oncl. colour label

Order Nr.:

3058200 Pilatus Turbo Porter



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PILATUS PORTER

Slow - Flyer

Specification:

Wingspan 1000 mm
Length 665 mm
Flying weight 205 gr. (plus
Battery pack - Li-on
90 gr.,
7 x NiCd 500 mAh
145 gr.)
Wing loading 14 dm²

RC Functions:

Rudder, Elevator,
Motor



Description:

Semiscale of the Pilatus - most popular up-to date "Sky - horse". Served from Australia to the Artic. Our Semiscale has a same flight characteristic and ability like original - you can only find a place for store more easy.

Modell is suitable for "in door" and "out door" performance.

Kit's main components are made of vacuum formed foam parts (painted two half of wings, complete fuselage)

Although the plane is in concept Slow Flyer it shows really good flight characteristic, like the original Pilatus.

Undercarriage is cushioned !

Kit contain:

- Ready build - up, painted fuselage
- Propulsion (MIG 200, propeller),
- Elevator, ruder are complete installed incl. control horns.
- Leading edge is reinforced.
- Wheel, cushioning main landing gear, other accessories.

"Explosive" assembly sketch included.

Recommended propulsion: added in the kit

Motor	Gear	Prop
MIG 200	-	Ghünter

Pack/cells	Description
described above	Sport

Quick and easy assembly.

Shipped in white, sturdy cardboard box.

Order Nr.:

3057200 Pilatus Porter

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Z - 24 Krajanek

- *Folkfellow*

Slow Flyers category

Data:

Wingspan 1030 mm
 Length 940 mm
 Flying weight - glider c.a. 100 gr.
 Electric version c.a.
 250 gr. (total weight depends on
 accessories/equipment choosen).
 Wing Area 10,9 dm²

RC Functions:

Rudder, Elevator, (Speed controller)

Description:

A semi-scale of a popular school / training glider extensively being used in the central Europe.

Developed by head designer Mr. Marcol (who is best known for the design of highly successful series of 'ZLIN' planes).

Mr. Marcol designed and put into production ZLIN planes shortly after the end of second world war.

The plane has become a common sight on all major European airfields by August 1945.

The series production output accelerated in short period of time to 301 planes by early 1946.

Many new pilots world wide flew their first solo hours on this remarkable plane.

The true plane has Wingspan 12,12 m, Length 6,29 m, Wing Area 13,5 m², the Weight 160 kg., Start weight 250 kg. and Gliding 1:18.



Folkfellow was and still is very popular for its maneuverability and performance.

In overall, it is all - around a high quality plane that will be enjoyed by fliers for many years to come.

Today, you can still see ZLINS Folkfellow in the air at Czech, Slovak, Austria, Germany and in many other countries' airfields during Vintage glider club meeting.

The original plane is displayed in Prague's museum of Aeronautics & Cosmonautics in Praha Kbely.



Our plane is most suitable for gliding or for beginners like elementary trainer.

Kit contains:

- Ready painted and built-up fuselage.
- Ready painted tail parts incl. fin
- Already painted halves of the wing, ready to be glued together.
- Canopy and wind shield
- All hardware and accessories

Building instruction and assembly sketch included.

Shipped in white, sturdy cardboard box with color label.

Order Nr.:

3048200 Z 24 Krajanek - Slow Flyers - glider

MAGGIE



Length: 59 cm .

Optimal weight: 2,5 kg, max. 3 kg.

Kit contain moulded out hull, moulded board parts, the plywood for board and sub-board, pine struts, drive for props and spindle, helms, wire for guard rail, windows etc.

All moulded parts are vacuum pressed from ABS material.

Cutting parts (pine struts) for pedestal included.

Note

The unit does not include:

Motor, battery, lamps, breeches buoy, bollard etc.

Assembly plan included.

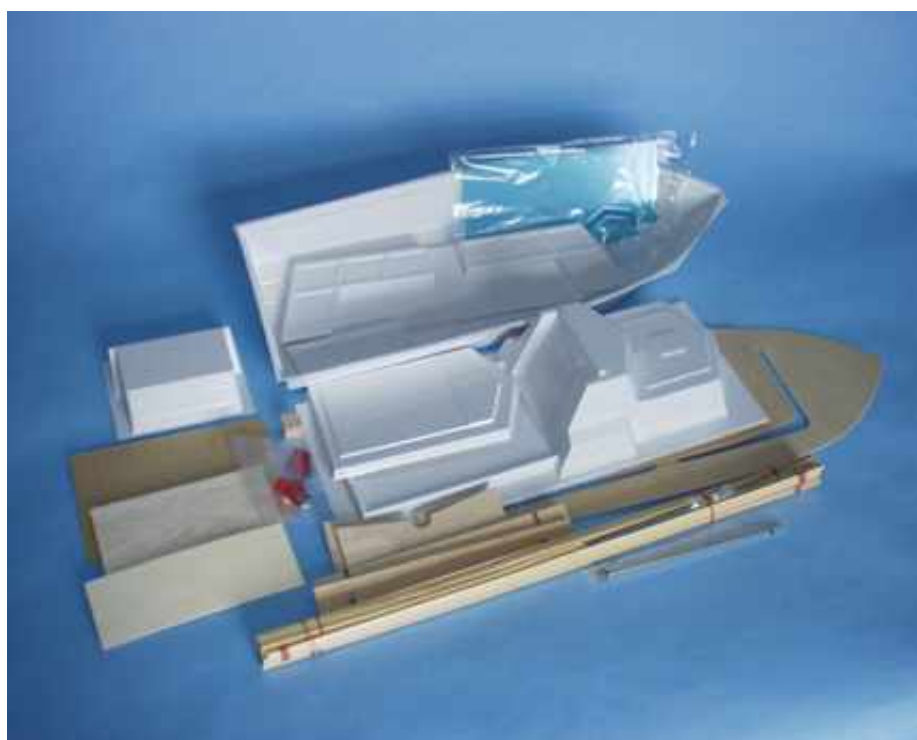
Shipped in white, sturdy cardboard box.incl. colour label.

Order Nr.: 3021000 Magie motor yacht



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SUZIE



Motor yacht.

Long 59 cm.

Optimal weight 2,5 kg, max. 3 kg.

Kit contain moulded out of hull, moulded parts of board, the plywood for board and sub-board, pine struts, drive for props, helms, wire for guard rail, windows etc.

All pressing parts are vacuum pressed from ABS material.

Cutting parts for pedestal are added.

Note:

Do not contain: motor, battery, lamps, breeches buoy, bollard etc.

Assembly plan included.

Shipped in white, sturdy cardboard box incl. colour label..

Order Nr.:

3022000

Suzane motor yacht



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