

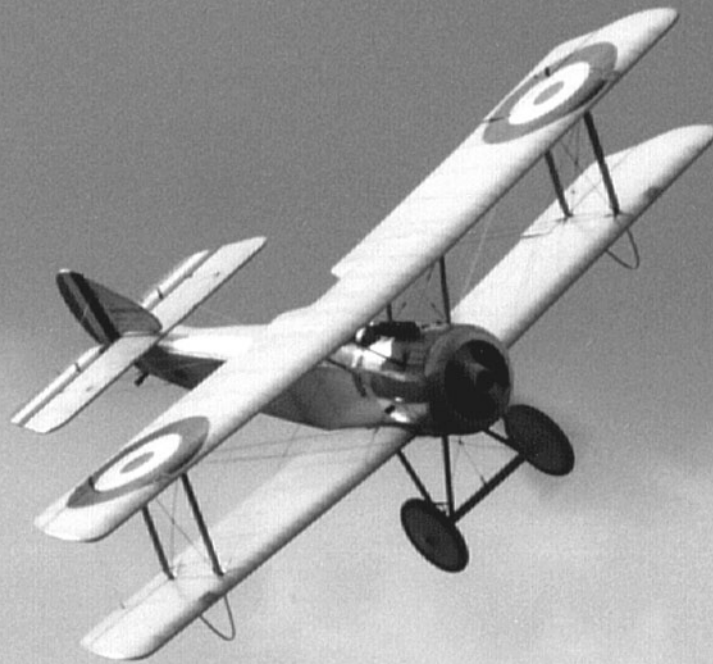
Sopwith Pup

Excerpt from Catalogue 7/2008

All prices in EURO, including 19% German VAT.
July 1st 2008

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Sopwith Pup



Scale:	1:3,3
Wingspan:	2450 mm
Length:	1840 mm
Wingarea:	2,3 m ²
Wingloading:	60 g/dm ²
All up weight:	14 kg
with ZG 38SC, reduction gear 2,8:1 and tuned stainless steel silencer #5770.	

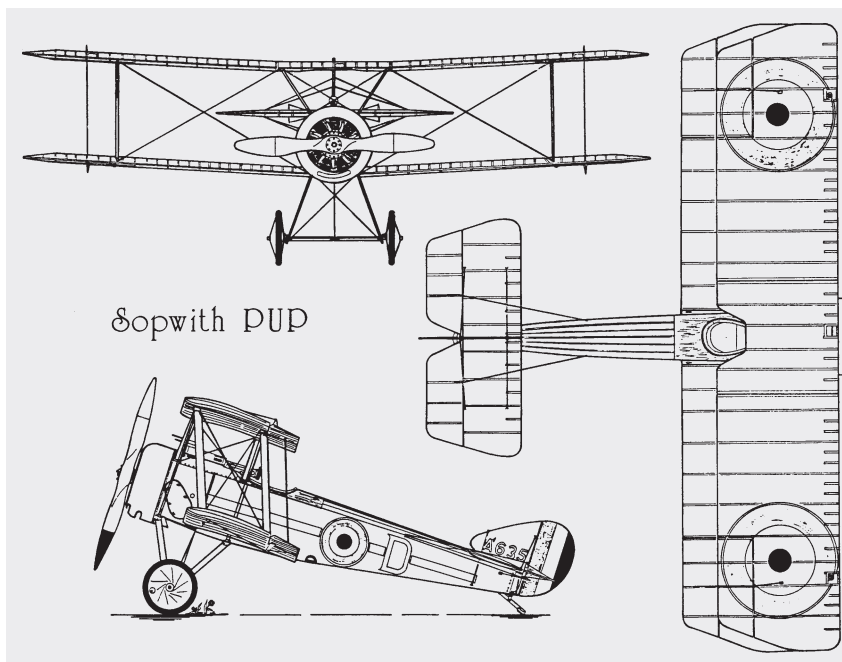
After a flight with a captured Pup, Manfred von Richthofen is supposed to have said, this is the nicest plane I have flown. Certainly one can read in many books and articles about the Pup and there is only praise. This attractive biplane was very manoeuvrable and what is more, very stable and without vicious tendencies.

We have succeeded in reproducing these characteristics in our model. The wing section we have used is the RAF 15 with slightly more radius to the

nose. This RAF 15 section was used extensively during and after the 14-18 war. This legendary section is very thin, it is lightly undercambered and has a reflex trailing edge. The two spars are either side of the undercamber and lay flat onto the building board. Our Pup flies inverted with practically no down elevator! Rolls require the minimum of correction from the rudder and elevators. Side slipping with our Pup can only be described as fantastic, the wing loading is so light that take off and landing is so very easy.

The best power unit is without a doubt the ZG 38SC and the 2,8:1 reduction gear. I had a constant dream for many years, this was to fly a model with a scale size prop, especially a model from the Biplane era. This obsession led to our reduction gear, first for the Quadra and now the ZG 38SC You can fit a ZG 62SL, but of course you do not have the marvellous sound of that scale size 32x18" propeller turning at a mere 2,900 rpm. For such a model this clearly visible propeller at full throttle, the realism is perfect. The Titan ZG 38SC and the Quadra tuned pipe is shown on the plan, the latter is no longer available, but our stainless silencer #5770 is a good alternative. With the tuned pipe and reduction gear the prototype Pup required no lead in the nose. The firewall can be positioned to suit the length of the engine so that it will fit inside the spun aluminium cowl.

There are 14 meters of plans and every detail is shown. With the extensive building instructions the Pup goes together in a very short time. The construction is similar to that of our Tiger Moths, but has various refinements and a more detailed instruction manual. The fuselage is put together with the aid of a jig to enable you to end with a accurately aligned fuselage. The Ash tailskid is fully working and rubber sprung, the main wheels also use Bungee rubber cord for suspension as the full-size Pup did. The Pup is assembled on the flying field using the same system we use for our Tiger Moth. Push the four wing panels onto the dowels, plug in the servos, eight socket screws on the strut ends and she is ready to fly. The assembly is considerably helped by the specially made screw bushes and the ball joint screw driver supplied. The struts are fixed permanently to the landing and flying wires. When transporting the



model, the struts are simply fixed to the fuselage with rubber bands. There is no time consuming work undoing turnbuckles or similar.

It took almost five years from the time the first prototype flew until the first kit was delivered. This length of time was due to production hindering our new project, but we are sure that with our Sopwith Pup, we have produced a kit that is nowhere else to be had in this form.



**SOPWITH PUP #7000 € 749,90
complete kit**

The unusually complete kit contains all ribs, formers and all other shaped Balsa and plywood parts ready notched and sanded. All wood is carefully selected. Spindle moulded landing gear spruce covering, spun aluminium cowl, all wire preformed, the landing gear axle carriers are ready silver soldered together. Nylon covered wire for the rigging and control surfaces, all turnbuckles and shackles. All parts to make the radio installation easy, there is every nut screw and washer, the hardware pack for the numerous small metal pieces weighs a kilo. The spoked wheels as well as the tank with felt clunk filter and nipples, instruments with mahogany veneered plywood panel, leather for cockpit coaming with miniature eyelets. Epoxy/Glass Vickers MG, all parts for the imitation Le Rhone rotary engine, including copper induction pipes. Rolled plans, instructions, parts lists and the Albatross Publications profile.

**Air bubble plastic sheet sleeves
for the wings#7490 € 52,90**

To cover the Sopwith Pup you need 8 m *ProfiCover*.

The tailplane assembly from Wolf-Dieter Banke's Pup as are the photographs on preceding pages.



The following parts are in the kit but are obtainable separately:

PLANS, instructions and parts list #7010 € 74,90
The plans show many sections and details, all is full-size, plans are 14 meters long. Very detailed instructions.

NEW SCALE DOCUMENTATION #7090 € 24,50
44 pages. English description of the Sopwith PUP, clear drawings, many first class black and white photo's showing many details as well as 12 different paint schemes shown in colored views.

ALUMINIUM COWL.....#7111 € 42,90

DUMMY ENGINE#7120 € 42,90
Vacuum formed cylinders, crankcase, copper induction tubes, all screws nuts and washers and brass fittings.

COCKPIT INSTRUMENTS.....#7130 € 16,90
Vacuum formed bezels and printed dials.

LEATHER COCKPIT COAMING ..#7132 € 20,50

VICKERS MACHINE GUN#7140 € 49,90
Epoxy/glass body, vacuum formed windscreen with leather strip for head guard, end cap and dust cover.

SPOKED WHEELS, 1 pair#7150 € 31,90
Foam rubber tires, 245 mm dia. with reducing inserts for 10 mm axles.

SET OF WINGRIBS#7220 € 136,90
All ribs and riblets for the four wing panels.

All prices are including 19% VAT.

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Photo Sets

Sopwith Pup

Basic photo set#7060 € 15,95

16 color pictures 15 x 10 cm. general views of the Shuttleworth's collection N5180. This Pup is regularly flown, top sides Khakigreen (PC 10), the underside is a pale straw cream.



Detailed photo set #7070 € 24,95

26 color pictures 15 x 10 cm. This set includes mainly details from the same machine. These are complementary to the Basic set #7060.



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