

COLOUR TABLE

KEY	COLOUR	SPECIFICATIONS	APPROXIMATE MATCH					
			GUNZE MR COLOR	HUMBROL	MODELMASTER	REVELL	TAMIYA	XTRACOLOR
A	LIGHT GREY	F5595B # 26495	H338	147	1732	32371	XF-14	-
B	BLACK	F5595B # 37038	H12 / H343	33	1749	32302	XF-1	X12
C	LIGHT GREEN	F5595B # 34102	H303	117	1713	32145	-	X116
D	STEEL	-	H18	87	1780	32191	X-56	-
E	ALUMINIUM	-	H8	56	1781	32199	XF-16	X252
F	BLUE	~ F5595B # 15180 ~ RAL 5002	-	-	1111	32151	X-4	-
G	BROWN GREY	RAL 7013	H304	155	1711	32146	X-51	-
H	GREEN	F5595B # 34127 [?]	-	150	1714	32362	-	-
I	DARK GREEN	F5595B # 34102 [?]	H303	117	1713	32145	XF-58	X116
J	LIGHT SKY BLUE	F5595B # 35526 [?] RLM 65 [?]	H323 H67	147	2078	-	XF-23	X202

The Swiss Air Force Turbo Porters may be painted in a scheme based on RAL colours, not Federal Standard. We have based the colour charts on the best information available at the time.



PILATUS PC-6 TURBO PORTER

K 072009

1/72 Scale Model Construction Kit

HISTORY

The Pilatus PC-6 Turbo Porter is a Swiss produced utility aircraft that first flew in 1961. Its superb short take off and landing (STOL) performance lead to it being adopted by many armed forces around the world, and it is a highly successful civilian design.

The PC-6 entered service in the Austrian Air Force in 1996 with for use in light transport and general duties. The aircraft proved itself to be very adaptable and now carries out aerial photography and fire-fighting roles in addition to its original mission.

In May 1996, 4 Staffel (squadron) painted PC-6 3G-EK in highly colorful scheme to celebrate 20 years of operating the type. The aircraft was nicknamed "Blaue Elise" (Blue Elise) after a character in the 'Pink Panther' cartoon series.

Unsurprisingly, the PC-6 was also ordered by the Swiss Air Force. The Turbo-Porter replaced the piston engined Porters in service, and some of the original Porters were reengined to bring them up to Turbo-Porter standard. 17 in total were delivered from 1976 onward.

NOTE

This kit was difficult to mould reliably. As a compromise it was necessary to mould the fuselage with the windows filled in. Despite this a good representation of the PC-6 can be built with a little patience.

WORKING WITH MULTIMEDIA PARTS

High Planes kits may include parts made from materials other than the polystyrene plastic used traditionally in scale model kits.

P Polystyrene Plastic

Remove with cutters or knife blade.

Attach with solvent adhesives or cyanoacrylate.

V Vacu-formed PETG Plastic

Remove with fine scissors or a new knife blade.

Attach with non-solvent adhesives - PVA glue or watch crystal cement. Cyanoacrylate can be used if the canopy coated with vinyl floor polish [e.g. Future] first to stop fogging.

R Polyurethane Resin

Remove with a scribe, knife blade or saw.

Attach with non-solvent adhesives - PVA glue, cyanoacrylate or epoxy.

WARNING: Polyurethane resin dust can be hazardous. A face mask should be worn and the residue carefully collected and disposed of following your local regulations.

C Cast Metal

Remove with clippers, saw or knife.

Attach with non-solvent adhesives - PVA glue, cyanoacrylate or epoxy.

E Etched Brass

Remove with clippers, saw or knife. For easier cutting pieces can be placed on low-tack paper [e.g. Post-It notes].

Attach with non-solvent adhesives - PVA glue, cyanoacrylate or epoxy.

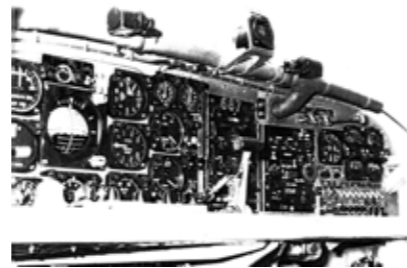
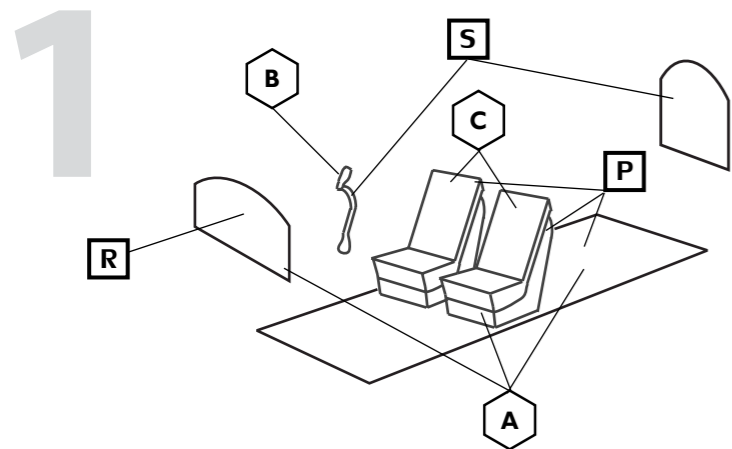


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CONSTRUCTION

Construction may require parts to be scratch built or sourced from a spares box. These are marked **S** and notes are given.



Construction Notes

Scratch build a control column. It has a distinctive forward curve, and is fitted on the port side.

Scratch build the rear cabin bulkhead [behind the two circular windows], add seat belts [black] or additional jump seats in the cargo bay.

Colour Notes

Cockpit walls, instrument panel and seat frames are a light grey, probably FS # 26495 Light Grey.

The cockpit walls have padding in a light ivory color around the door frames while the floor was originally probably FS # FS 34087 Olive Drab.

The seats are fitted with olive drab fabric covered cushions, close to FS # 34102 Light Green



2

Construction Notes

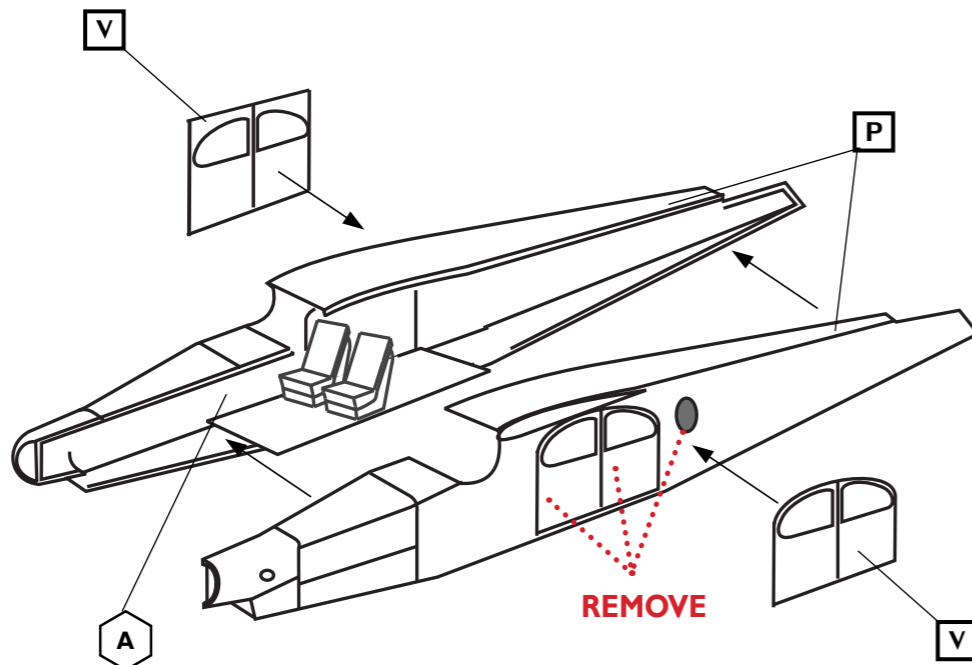
Test fit the cockpit in the fuselage sides. Open the windows by either:

- cutting open the clear sections only and fitting the vac-form windows or
- removing the whole frame and fitting the vac-form doors.

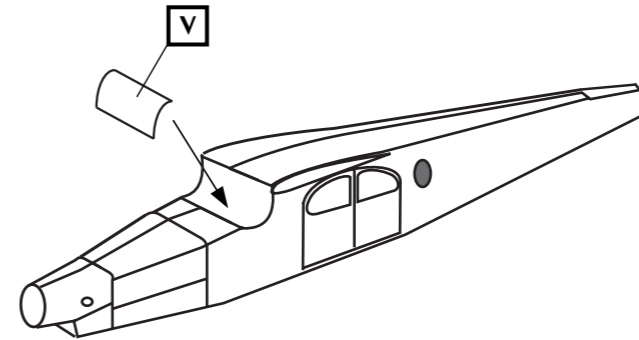
The windscreen should fit onto the the framing area, but close trimming is required.

Drill out the two circular rear windows and make transparencies to fit.

The sliding door on the starboard side should fit between the two horizontal rails, and stands proud of the fuselage.



3



Construction Notes

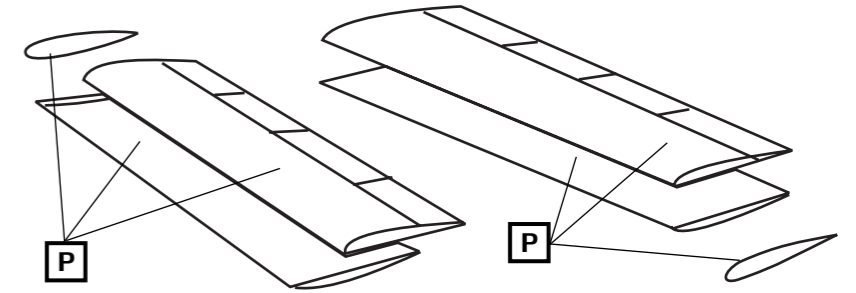
Once the fuselage sides are joined, trim and fit the windshield.

4

Construction Notes

Clean up the wing mating surfaces and glue top to bottoms. It may be necessary to set them up between flat guides to ensure they dry without a bend, or alternatively, if they have a slight bend already, realign them under hot water before gluing.

Fit the flat end plates and smooth them in to the wing contours. Alternative wing tips are included for later versions but these are not applicable with these options.



5

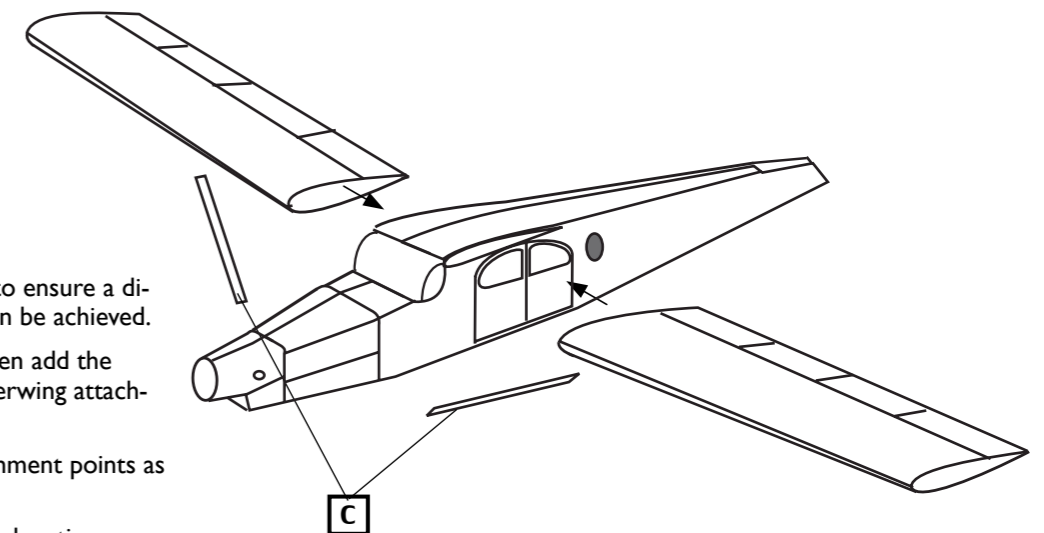
Construction Notes

Clean up the wing struts and test fit to ensure a dihedral angle of around 1.5 degrees can be achieved.

Glue the wings to the fuselage and then add the struts from the fuselage to inner underwing attachment points.

The outer bumps are ordnance attachment points as on standard Porters.

Refer to the following diagram for the location.





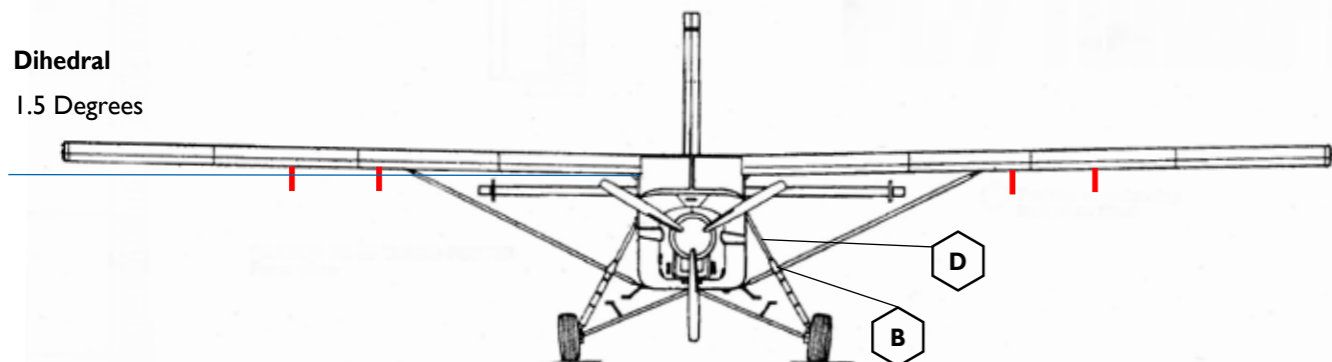
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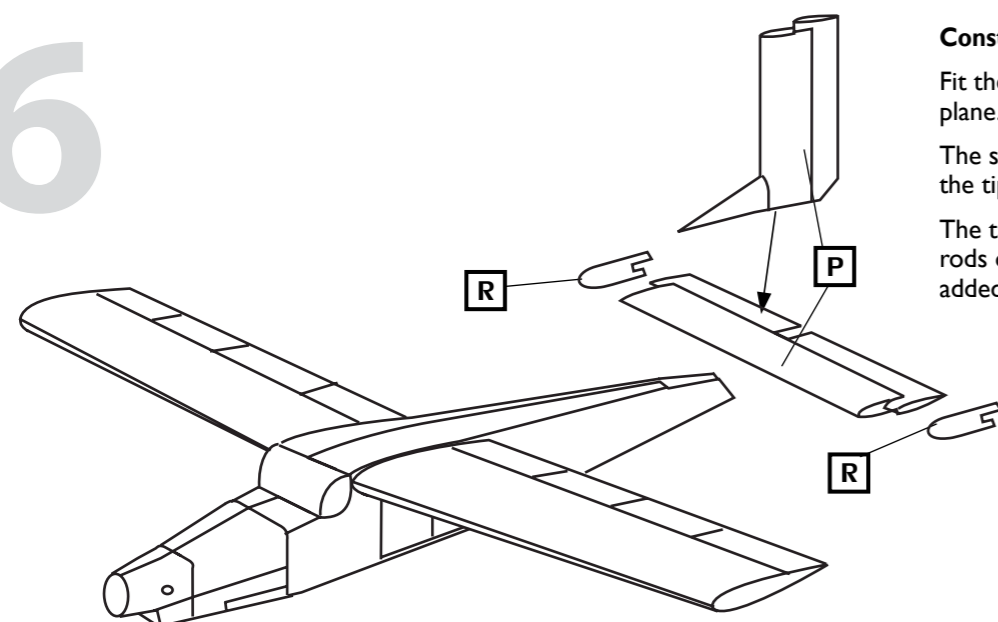
CONSTRUCTION

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Dihedral
1.5 Degrees



6



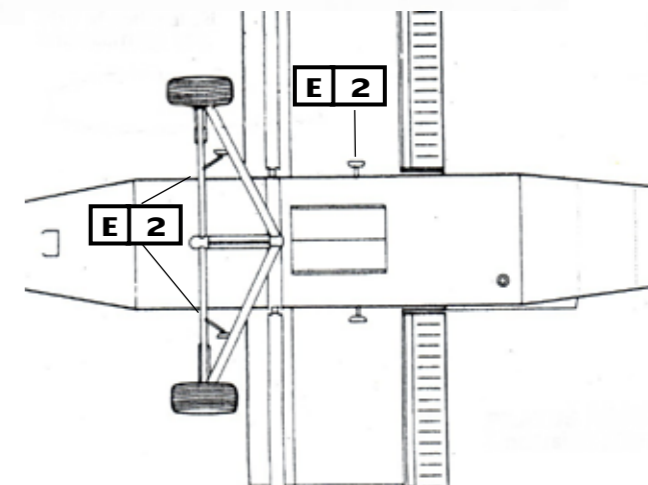
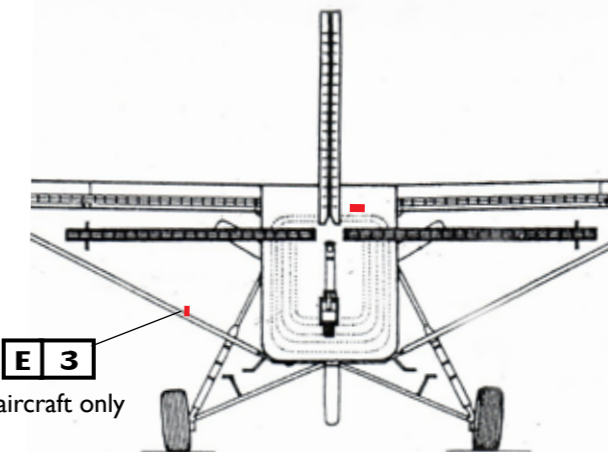
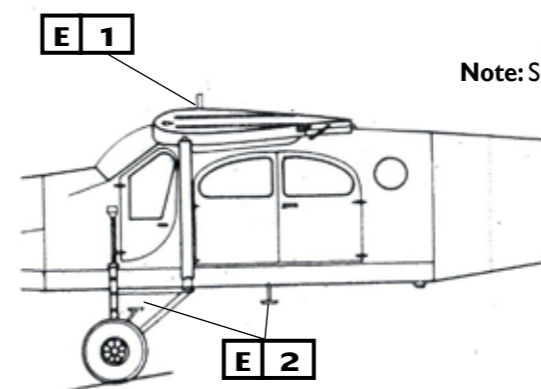
Construction Notes

Fit the horizontal tail surfaces and tail plane.
The small resin tail plane end plates fit at the tips of the tail plane.
The tail planes are operated by actuating rods on the centre edge. These can be added from rod or stretched sprue.

8

Construction Notes

The antennae fit varied widely and consulting photographs of the specific aircraft is recommended.

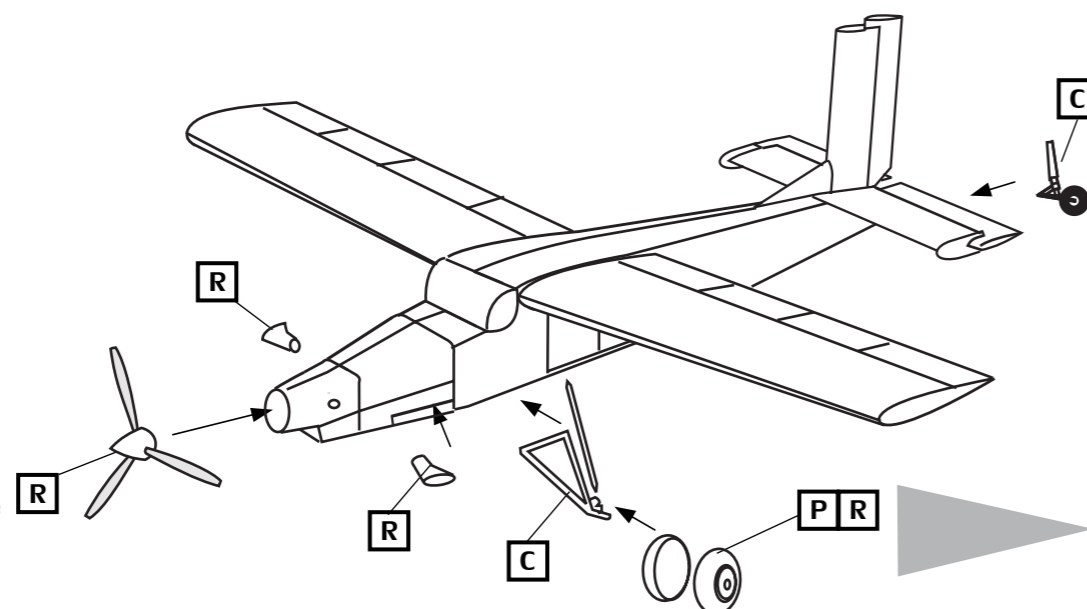


7

Construction Notes

Fit the final details including tail wheel, main undercarriage legs and shock struts (thinner section to top), resin exhaust, main wheels and the spinner and propellor blades.

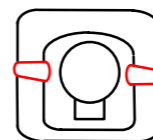
Note: Propellor blades should be in a feathered position when the engine is not running.



Construction Notes

Note that the exhaust pipes are asymmetrical. The starboard one is horizontal on top and slopes up on the bottom and the port one horizontal on the bottom and slopes down on the top.

The exhausts protrude 4.5mm from the fuselage.





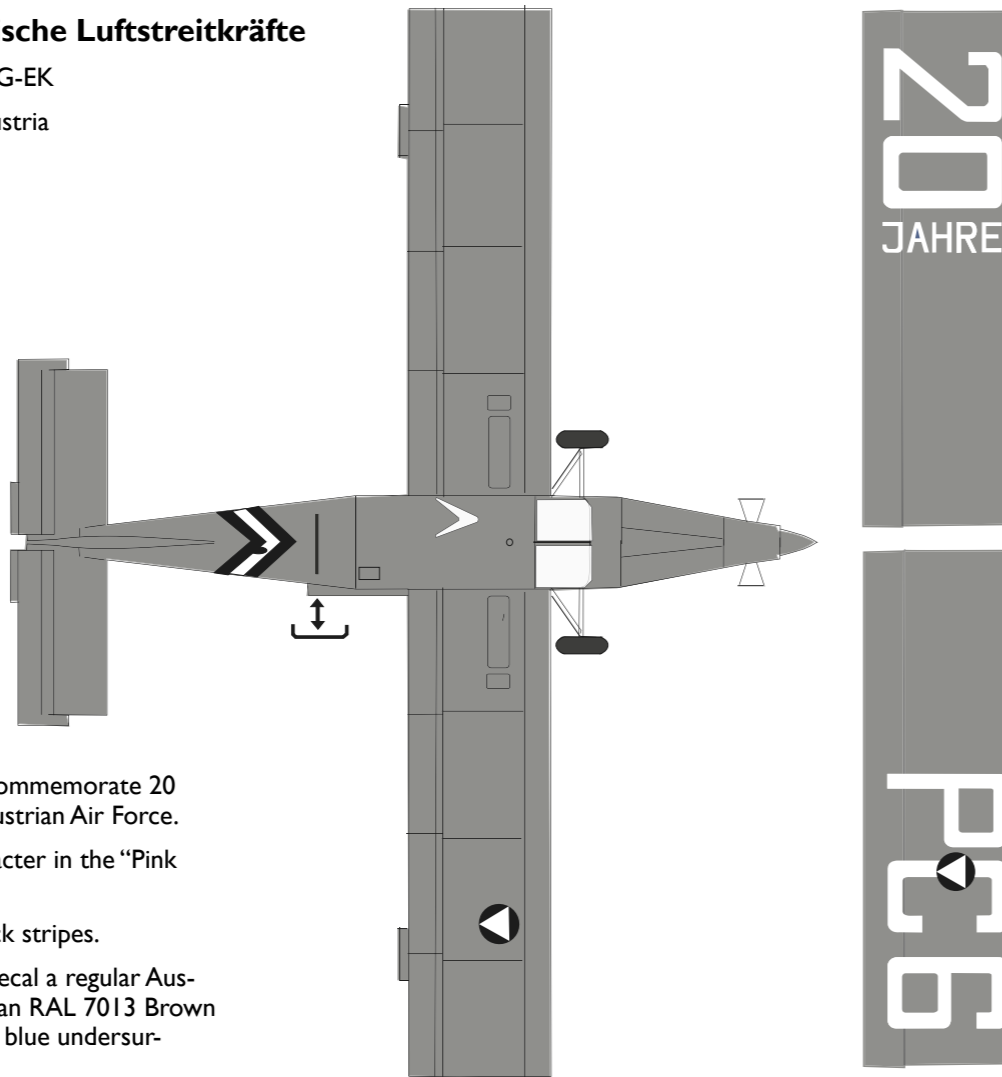
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1/72 Scale Model Construction Kit



“BLAUE ELISE” 4 Staffel, Österreichische Luftstreitkräfte

Pilatus PC-6 / B2-H2 serial 3G-EK
Brumowski Air Base, Tulln, Austria
May 1996



This aircraft was painted to commemorate 20 year of PC-6 service in the Austrian Air Force.

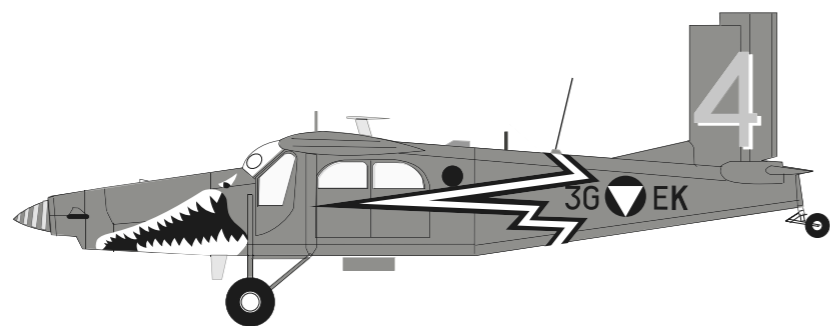
“Blue Elise” refers to a character in the “Pink Panther” cartoon series.

The spinner has yellow & black stripes.

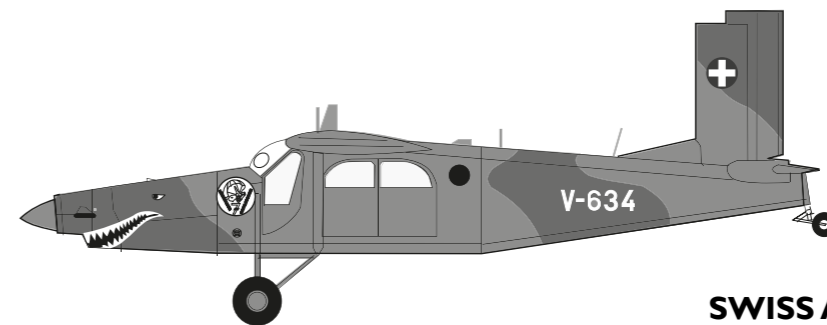
Note, by using the spare “J” decal a regular Austrian PC-6 can be made with an RAL 7013 Brown Grey upper surfaces and light blue undersurfaces.



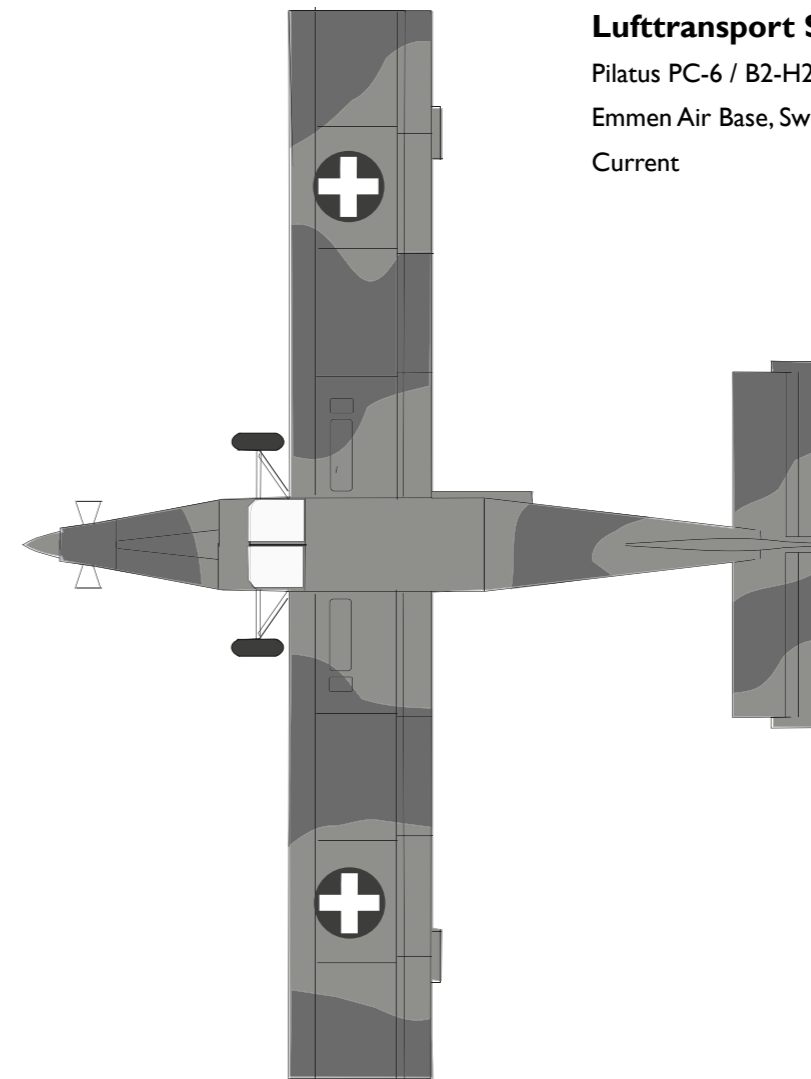
BLUE
~ RAL 5002
~ FS 15180



FINISHING & MARKINGS



SWISS AIR FORCE
Lufttransport Staffel 7
Pilatus PC-6 / B2-H2 serial 3G-EK
Emmen Air Base, Switzerland
Current



GREEN



DARK GREEN



UNDERSIDE NOT SHOWN

LIGHT BLUE

