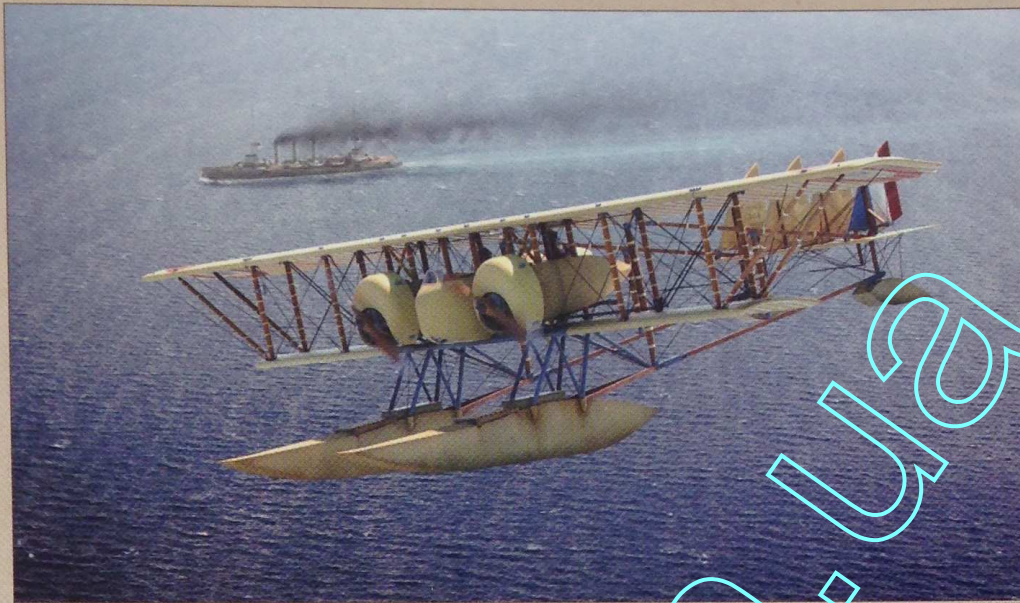


1/48 Caudron G.IV Hydravion



The Caudron G.4 "Hydravion" was the French WW1 twin engine floatplane-equipped naval reconnaissance version of the G.4 reconnaissance/bomber.

The naval version was a two seater developed to meet the requirements of the French Navy. These floatplane versions were powered by two Le Rhone 9c 80hp rotary engines. The floats were aesthetically pleasing but otherwise, there were few changes to the basic G.4 design. A light anchor and reel was placed in the observer's compartment. The flying characteristics of the aeroplane were barely affected by the floats, although they did add an extra 95kg to the empty weight of the aircraft.

The G.4 floatplane was sometimes called the Caudron G.4 Hydravion. It underwent testing in September 1916 at the Naval base in Saint-Raphael in the Mediterranean, part of the French Naval Aviation test centre.

The French maritime operators were not impressed with the new Caudron G.4 Marine because they preferred flying boats to float planes, especially if the aircraft had to make an emergency landing at sea. Also the bulky size of the G.4 Hydravion meant it could not be loaded on ships, which reduced its operational range.

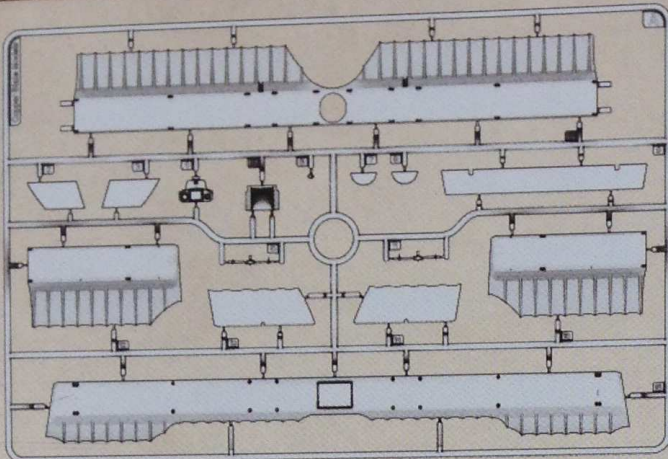
Its fuel capacity of 200kg meant it had a flying limit 1.5 hours less than the land based version. However the floatplane version still found a use. At the beginning of 1917 at least three G.4 Hydravion aircraft were transferred to the aerial gunnery school in Cazaux for use as target tugs among other duties. The detailed history of the G.4 Hydravion is vague on when they were taken out of service, but photos dating back to the early 1920s show an aircraft fitted with floats.

Copper State Models SIA
Lubanas 78, LV-1073,
Riga, Latvia

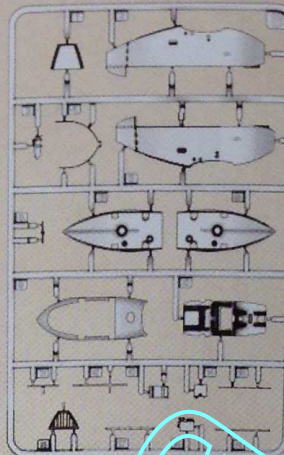


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www.copperstatemodels.com

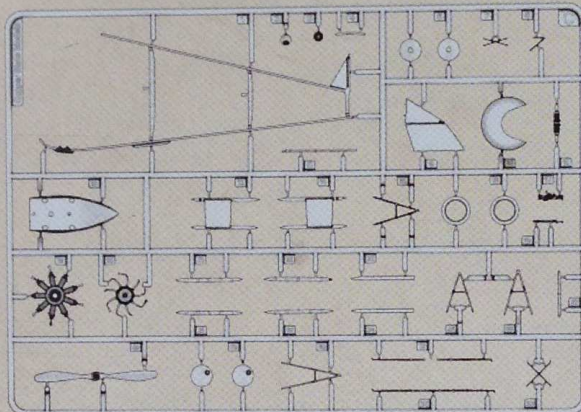
A



B



C

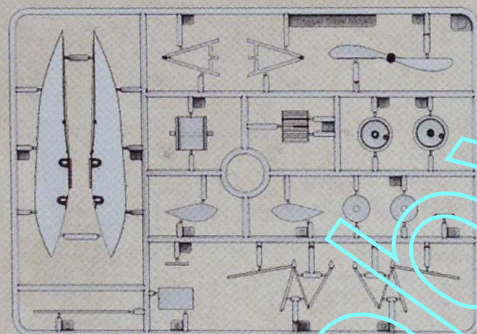


x2



Decals

D



x2

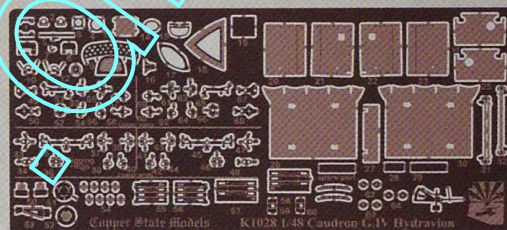
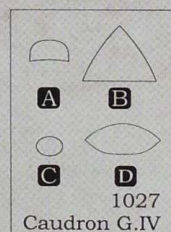


Photo Etch Fret A



1027
Caudron G.IV

Acetate
windscreens



Photo Etch
Fret B

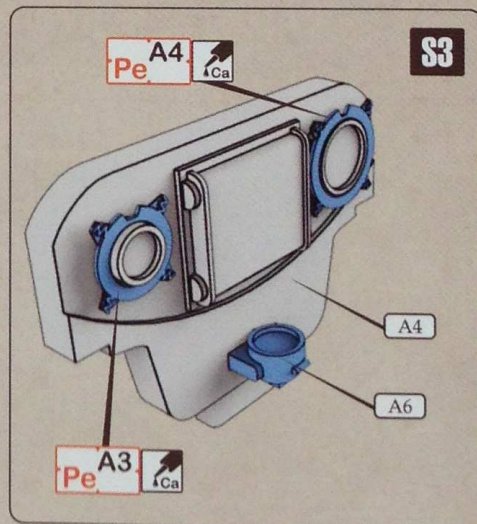
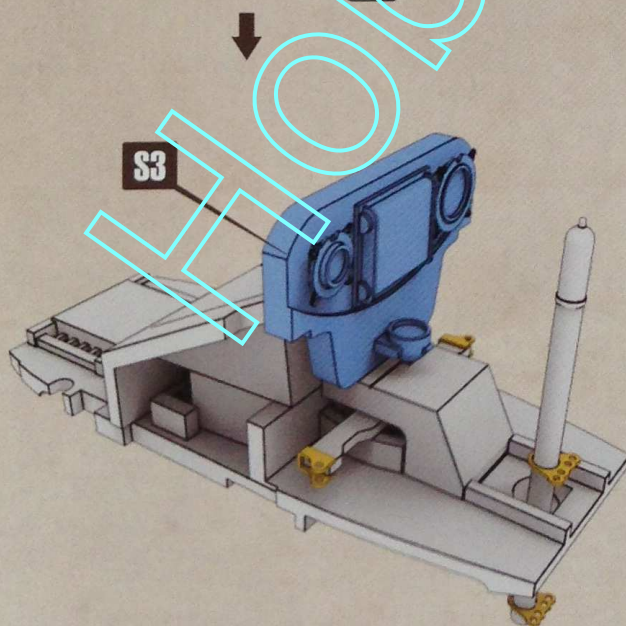
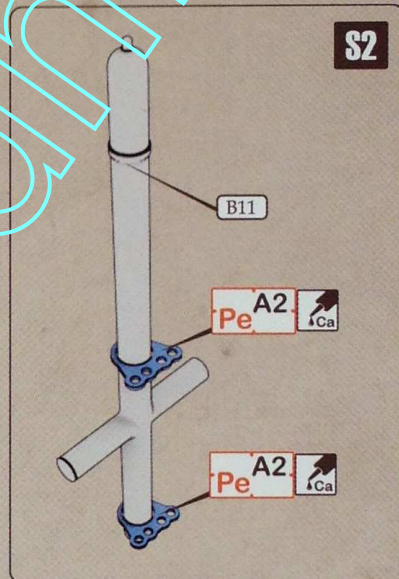
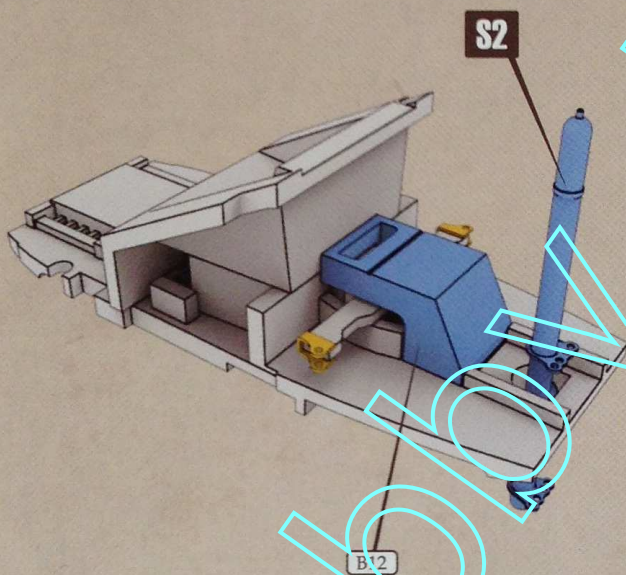
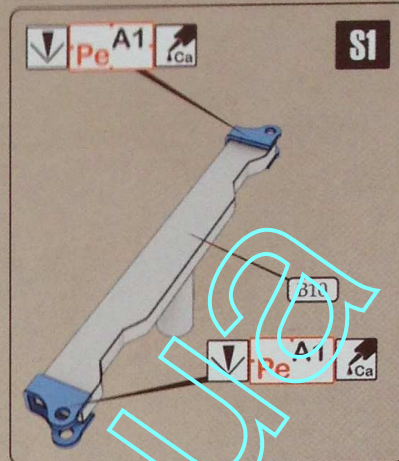
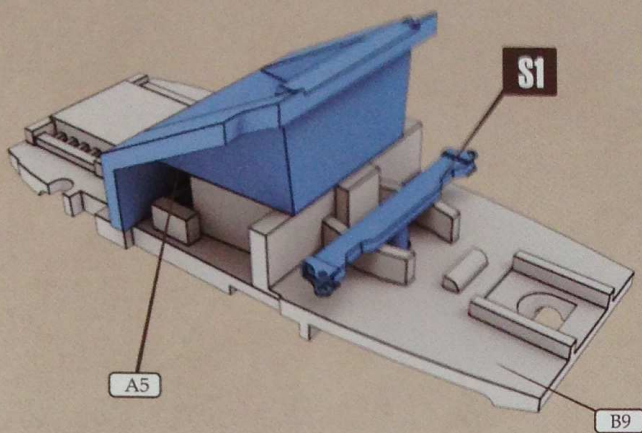
No	Colours
1	Gunmetal
2	Steel
3	Black
4	Brass
5	Leather
6	French field blue
7	White
8	Ecru (for fabric surfaces)
9	Yellow ochre or Biege
10	Brown wood
11	Aluminium
12	Copper
13	Light wood
14	Reddish-brown or cherry-red
15	Neutral grey

Symbols Reference

- Colour
- Use cyanoacrylate
- Other side
- Cut/Remove
- Subassembly
- Drill
- No Glue
- Bend
- Apply Decal
- Attention
- Option
- Marking options

Photo Etch Part

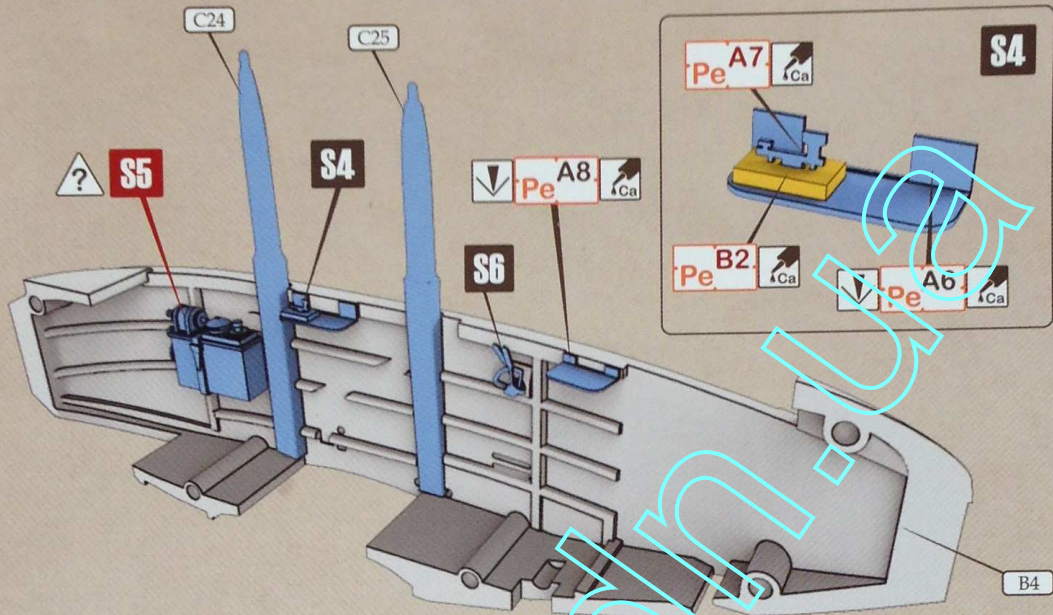
Cockpit



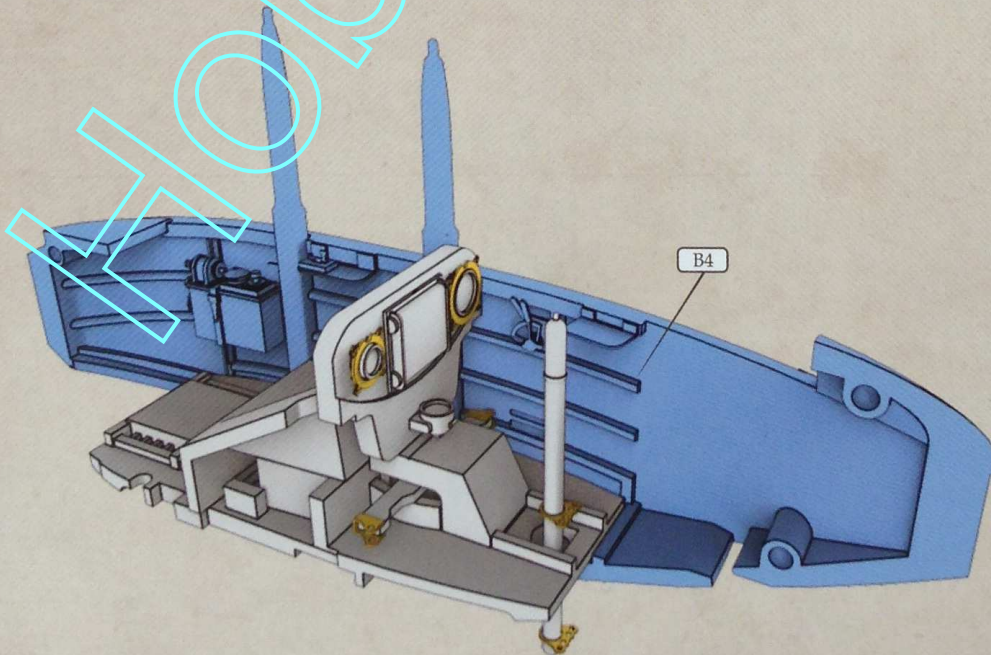
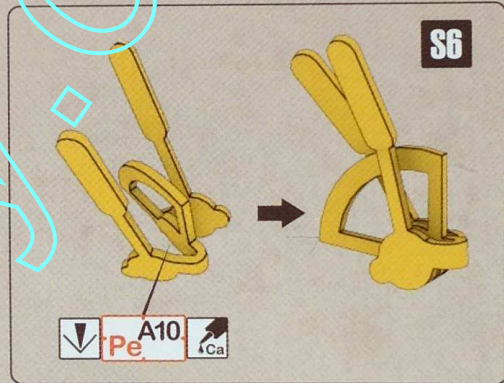
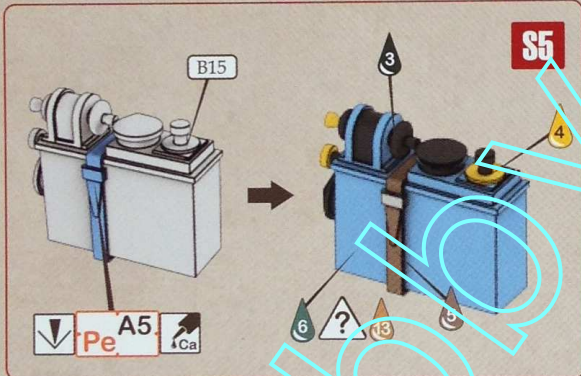
Fuselage and cockpit



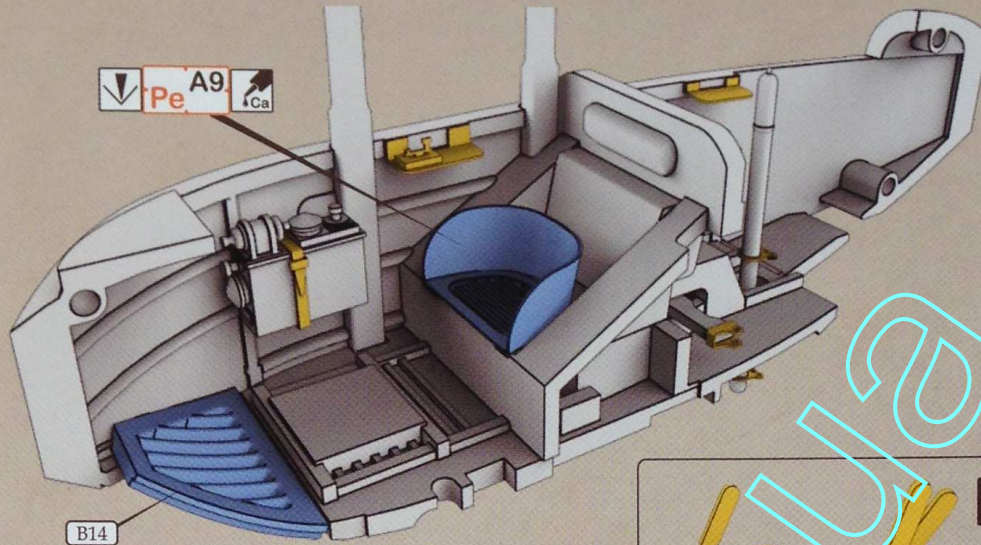
It's not possible to determine whether the radio equipment was used or not on hydravion Caudrons, so you can decide to install it in your model or not. Subassemblies with radio equipment will be marked with red colour.



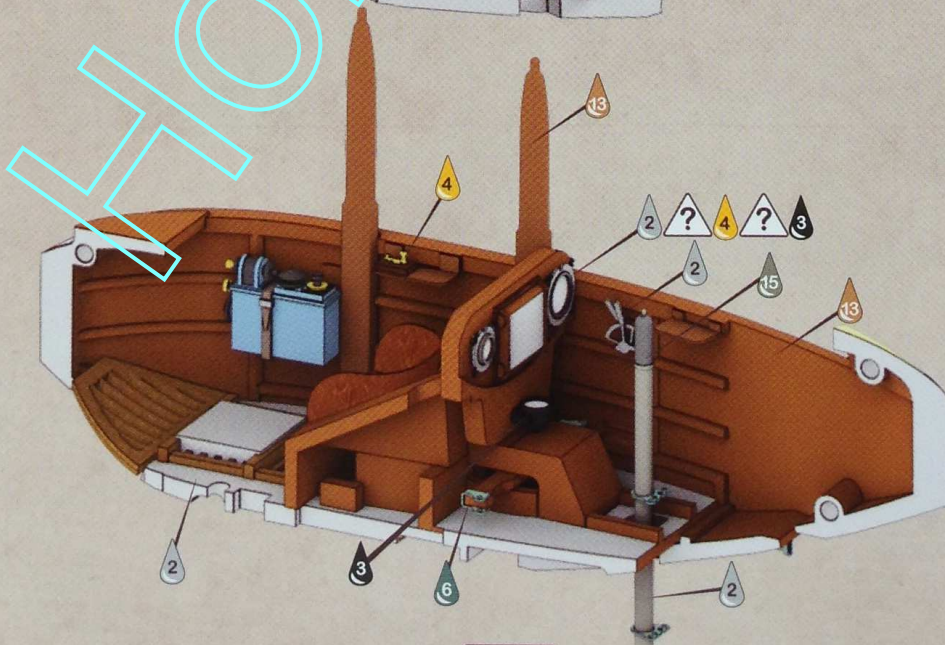
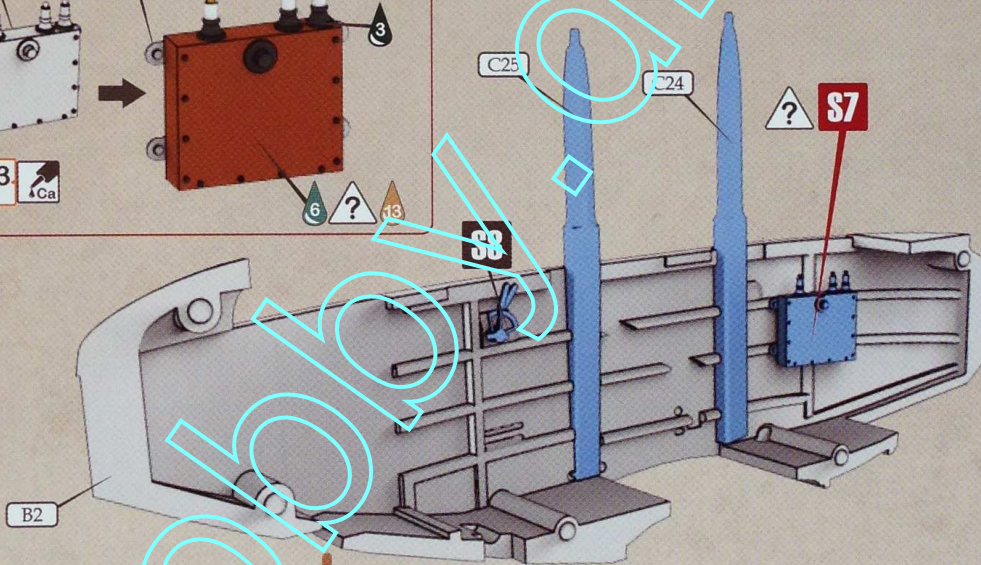
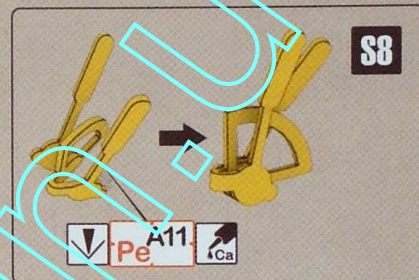
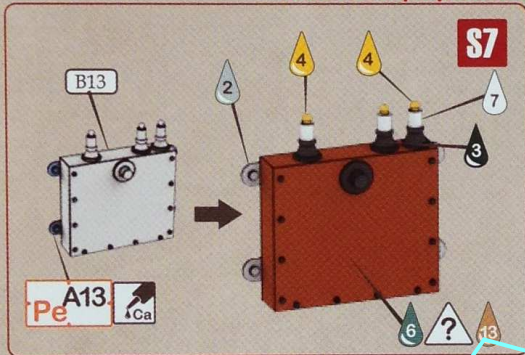
Radio equipment



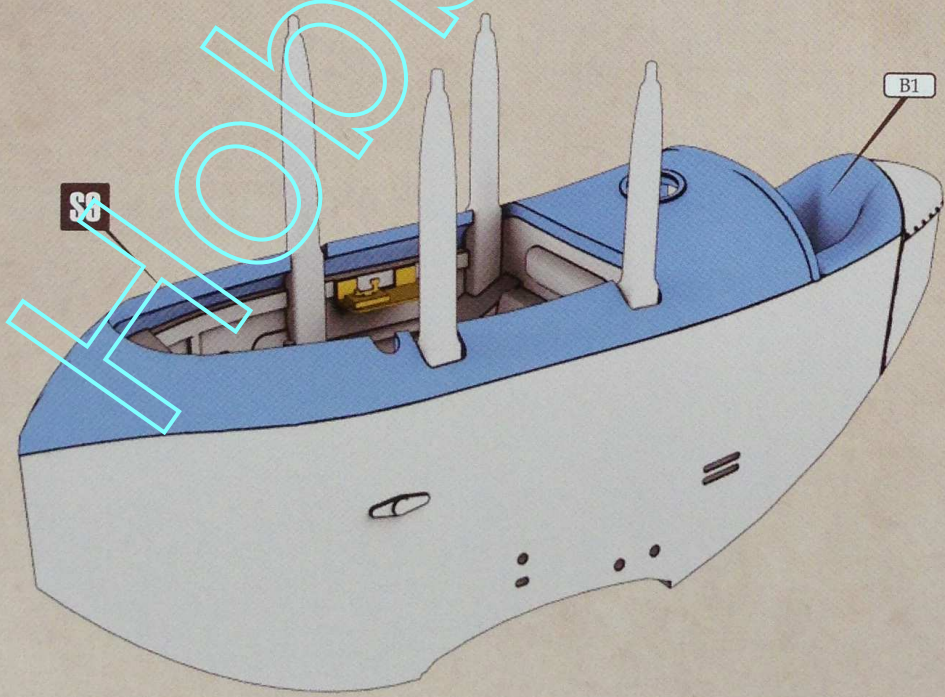
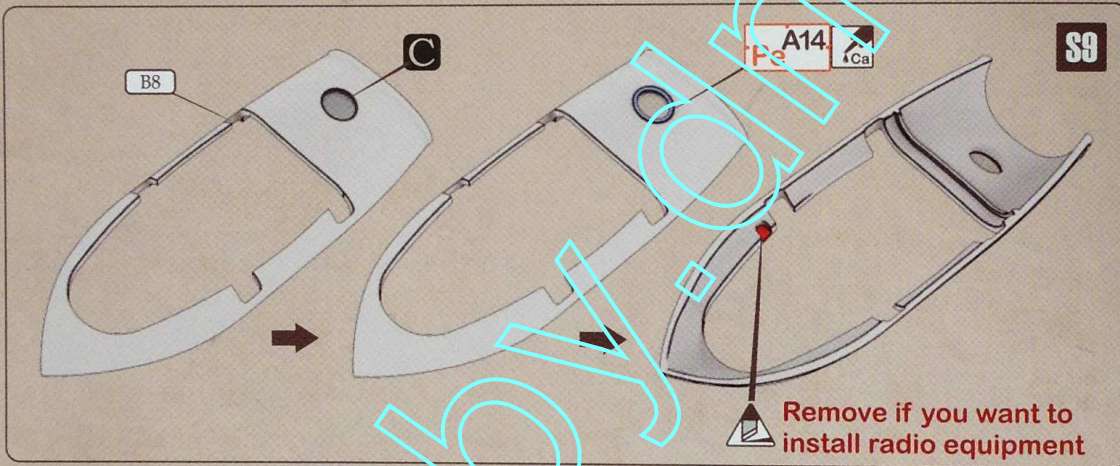
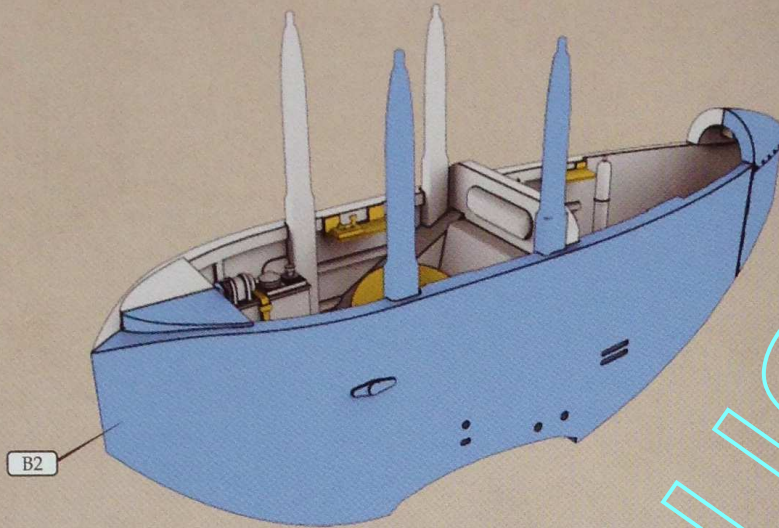
Fuselage and cockpit



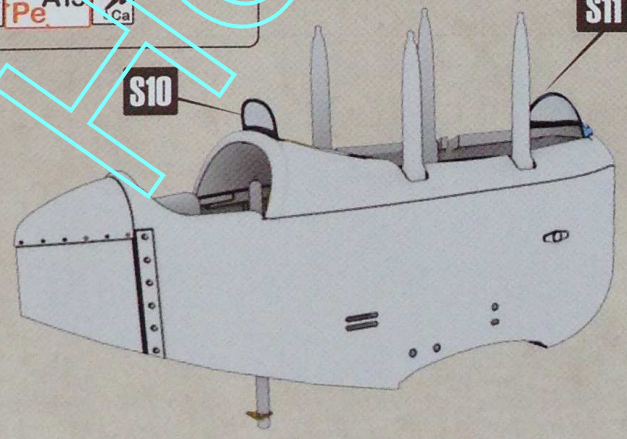
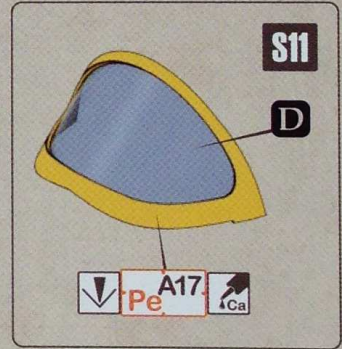
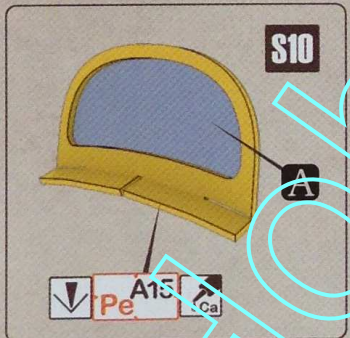
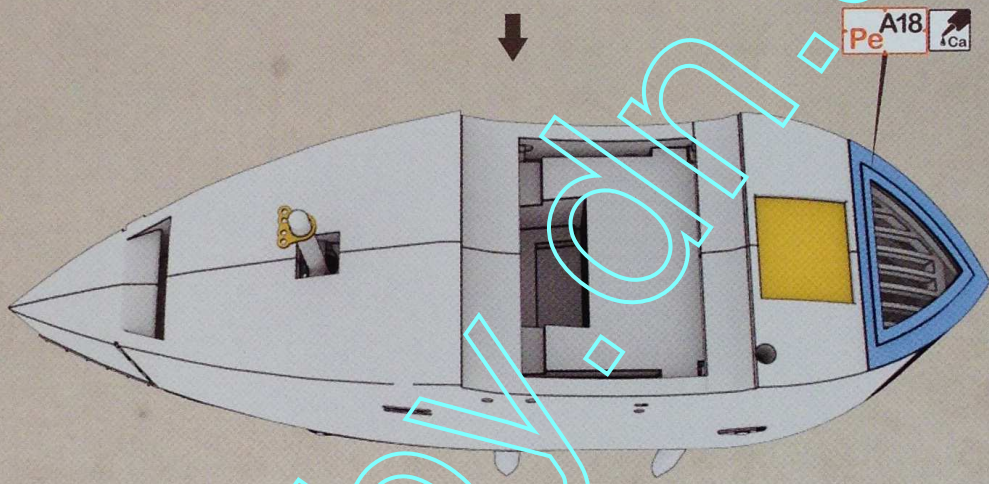
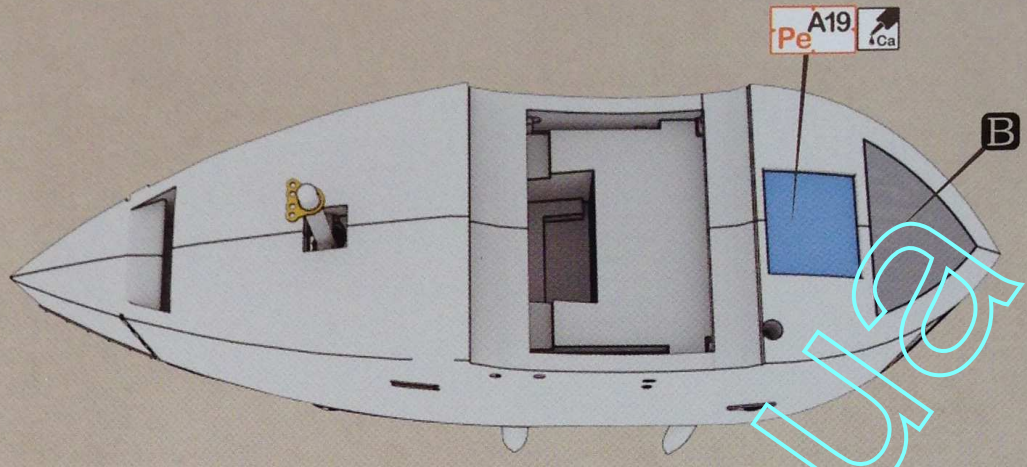
Radio equipment



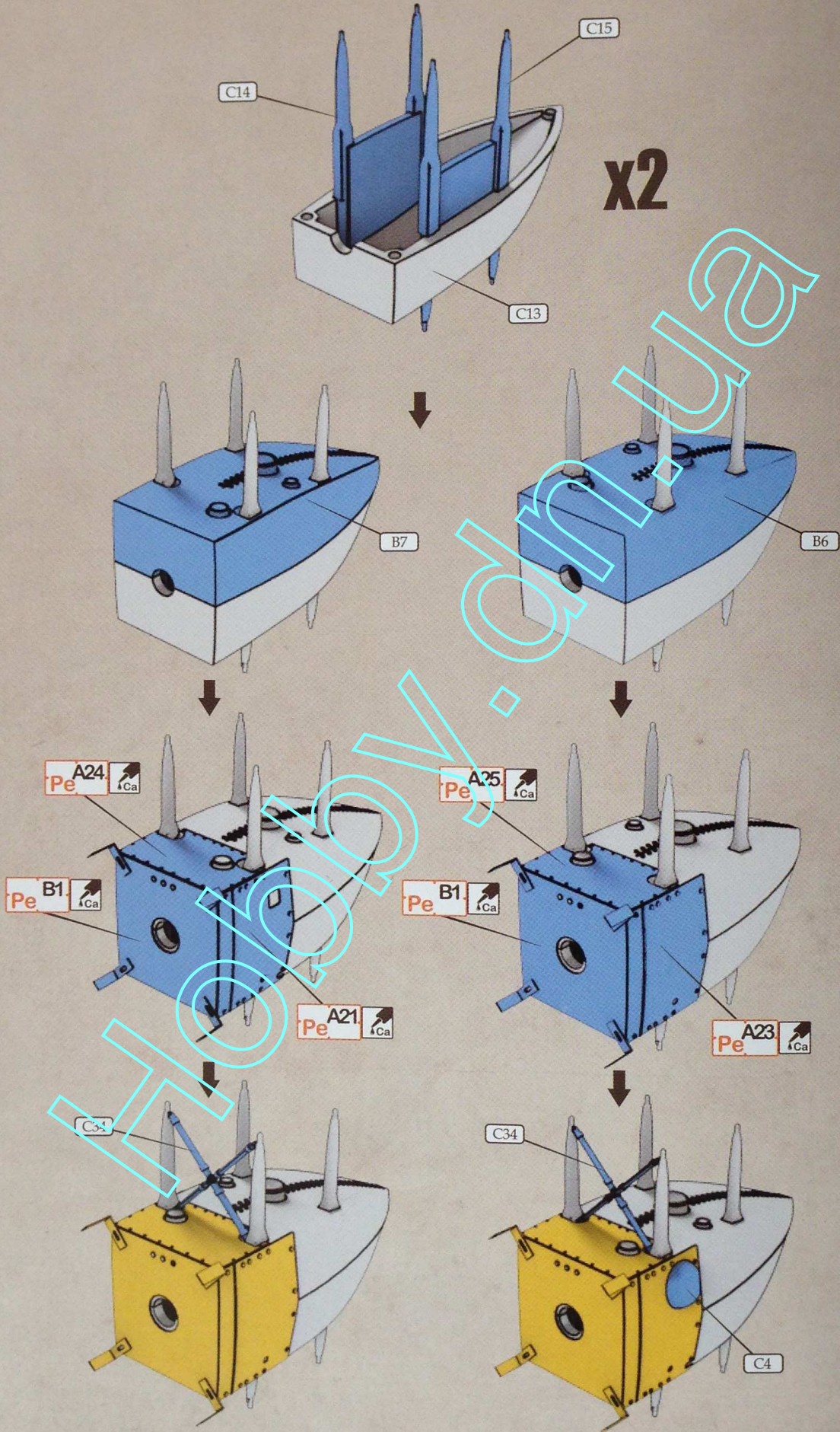
Fuselage



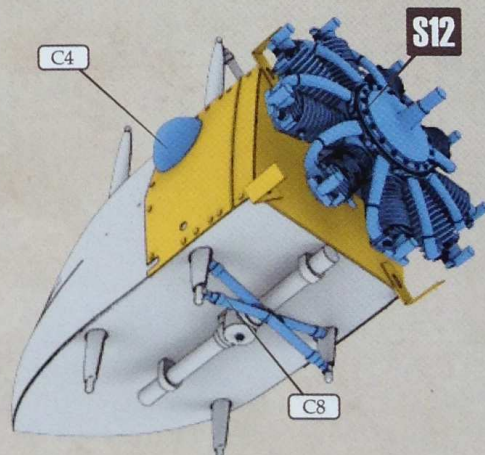
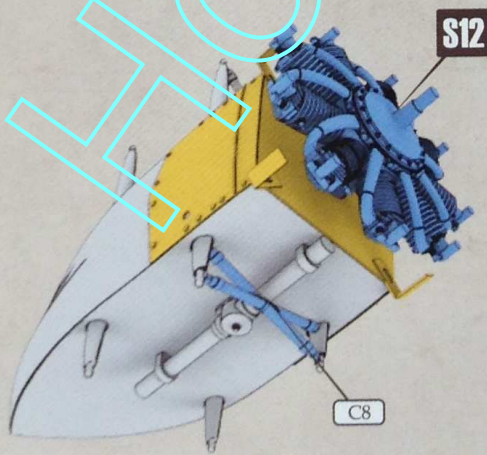
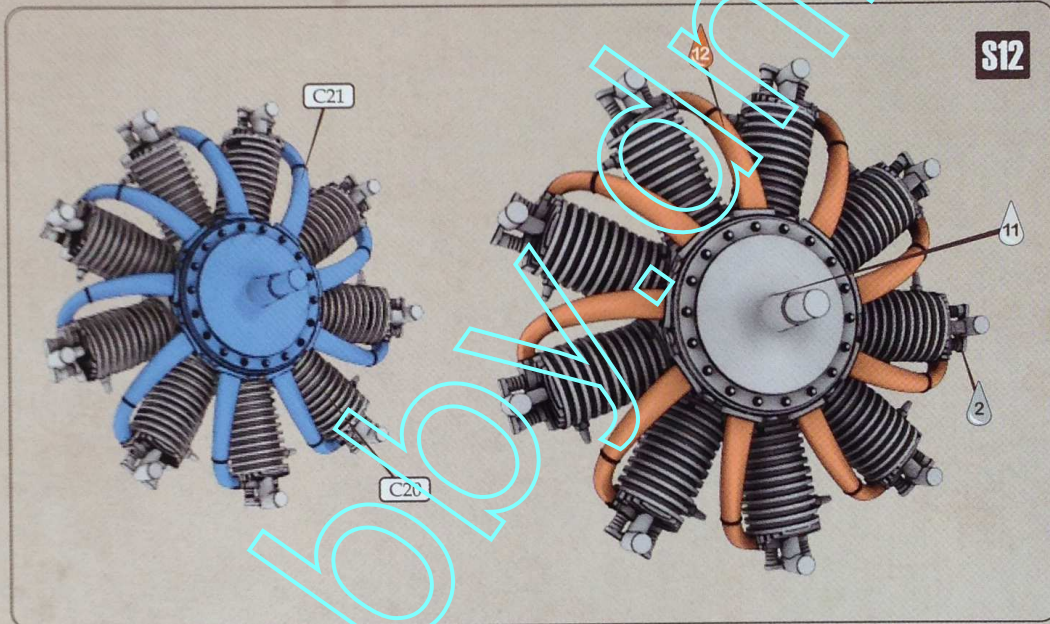
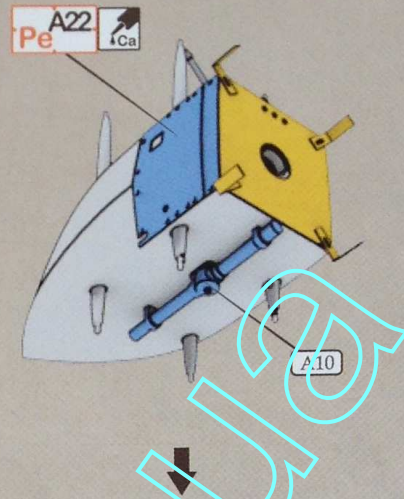
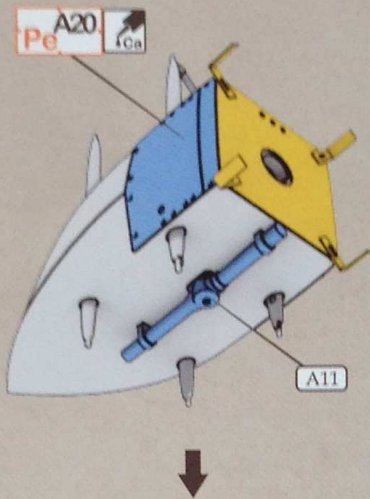
Fuselage



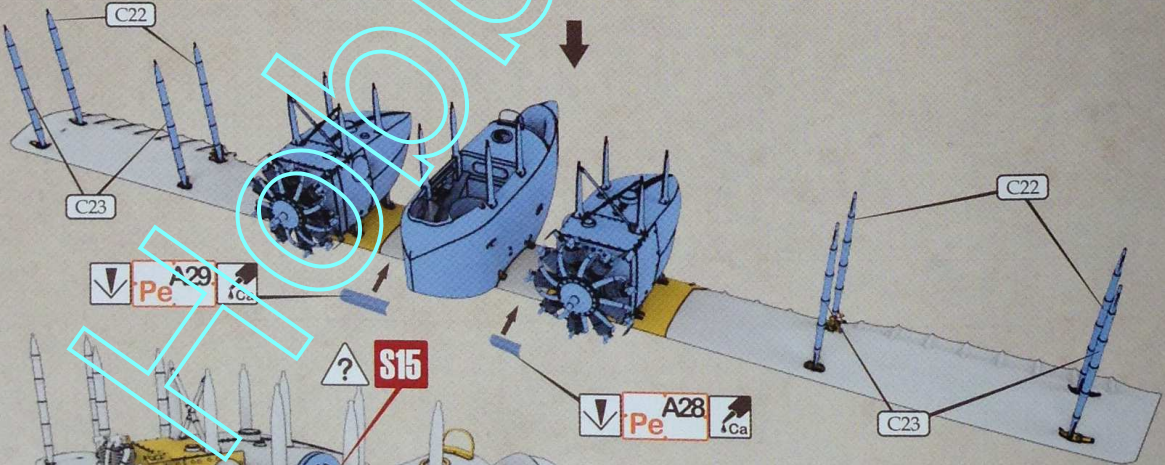
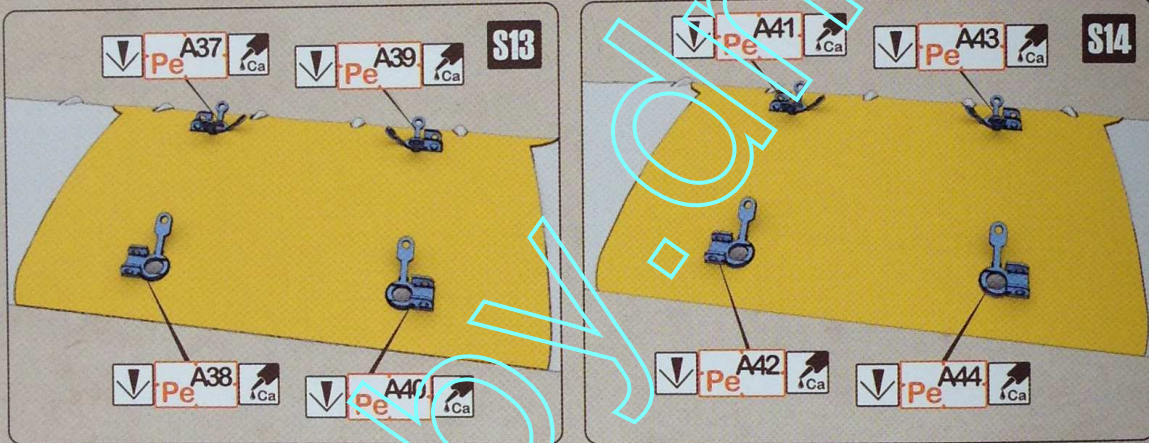
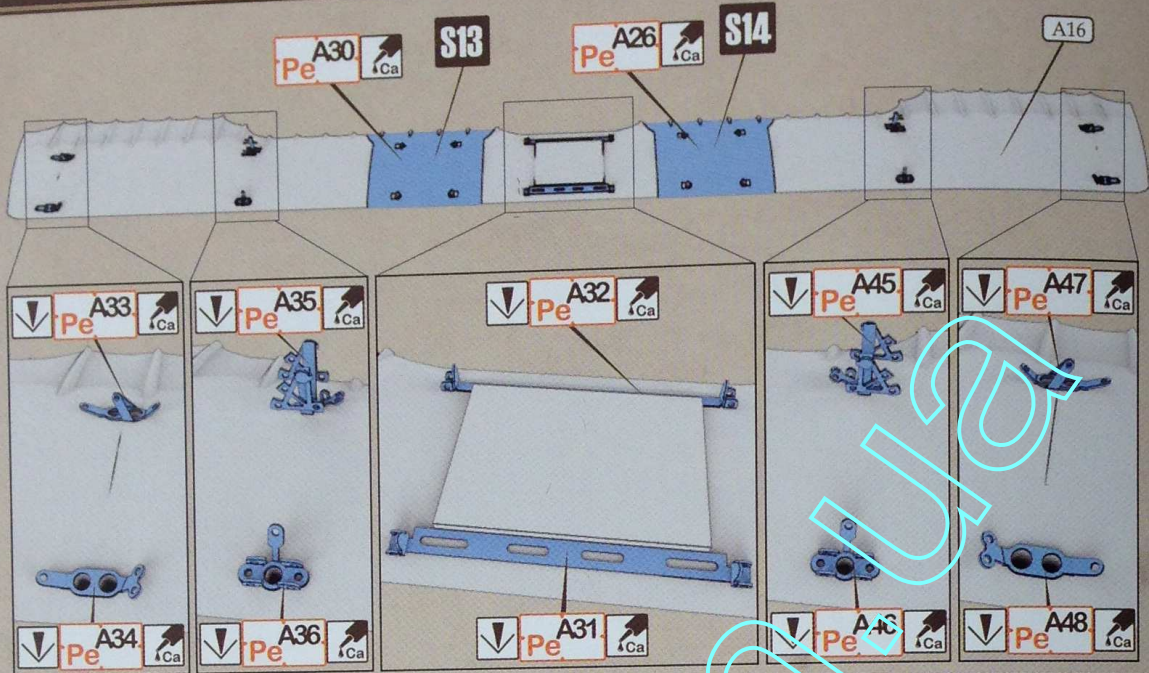
IV Engine nacelles



IV Engine nacelles



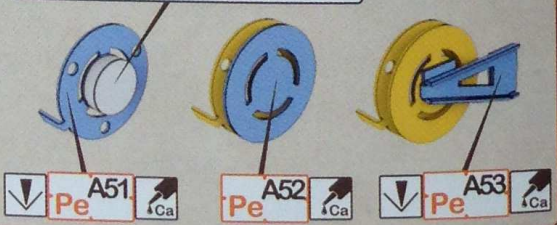
V Lower wing and struts



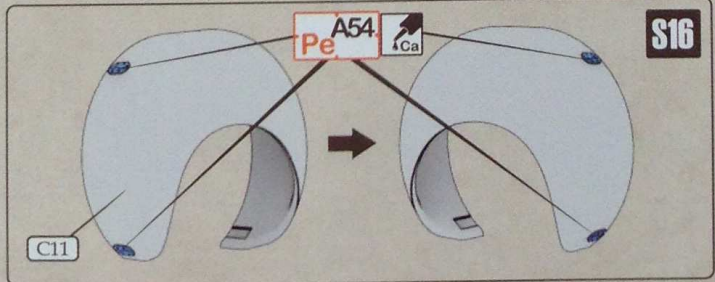
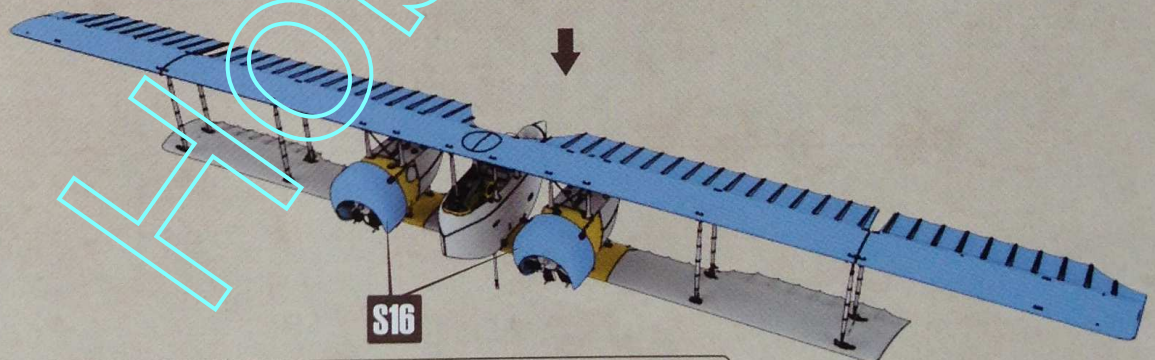
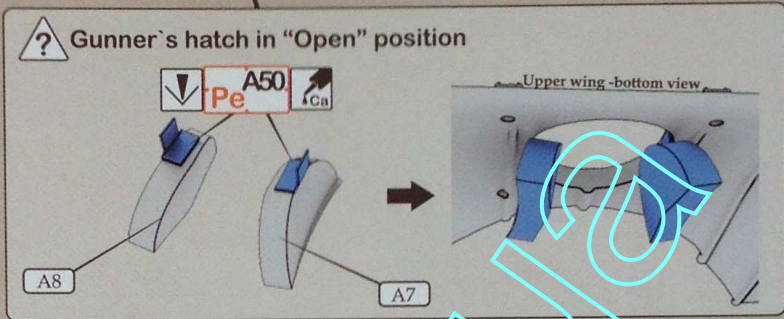
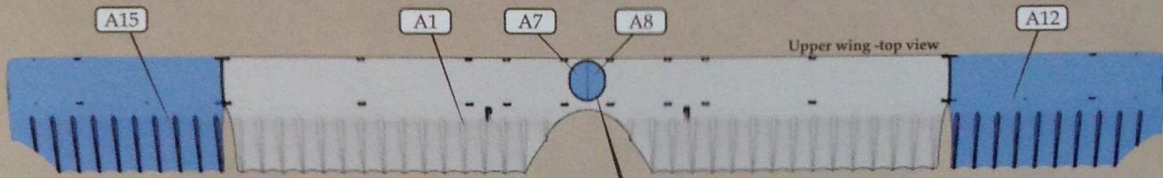
Radio equipment

Cut a cylinder from the sprue
 $\varnothing = 2,5\text{mm}$ and 1mm wide

S15



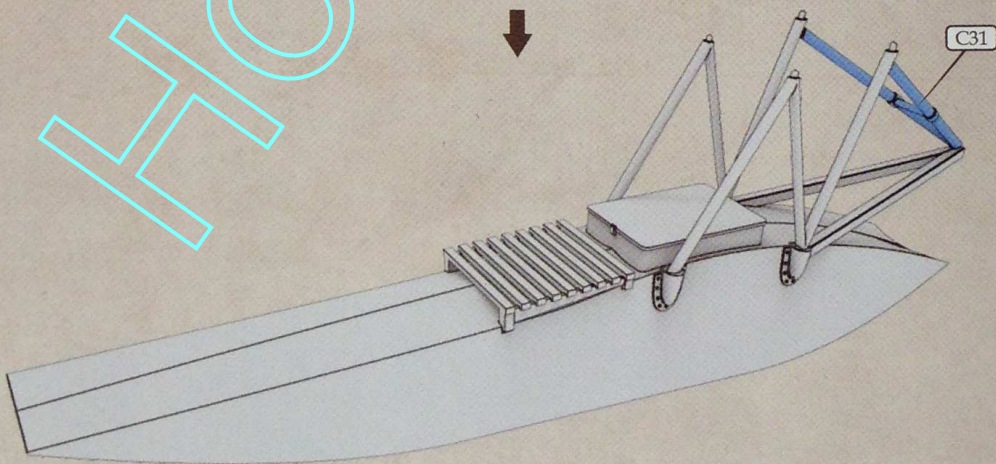
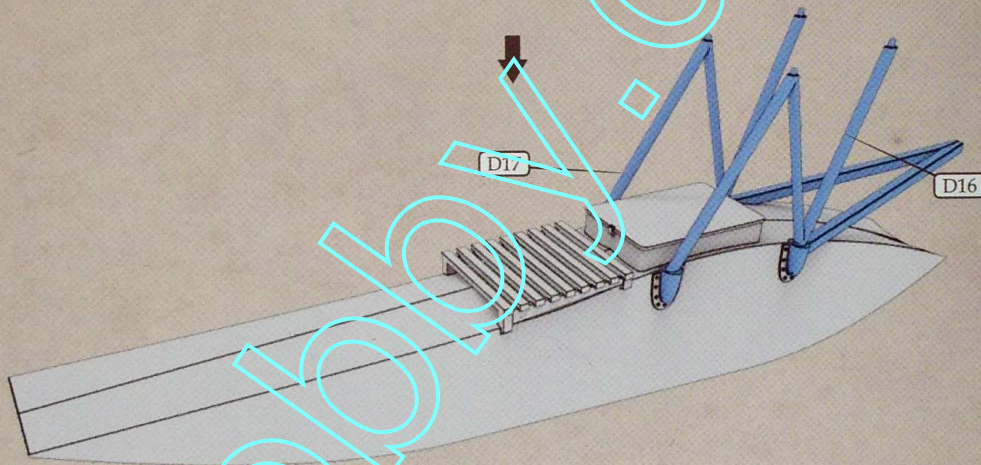
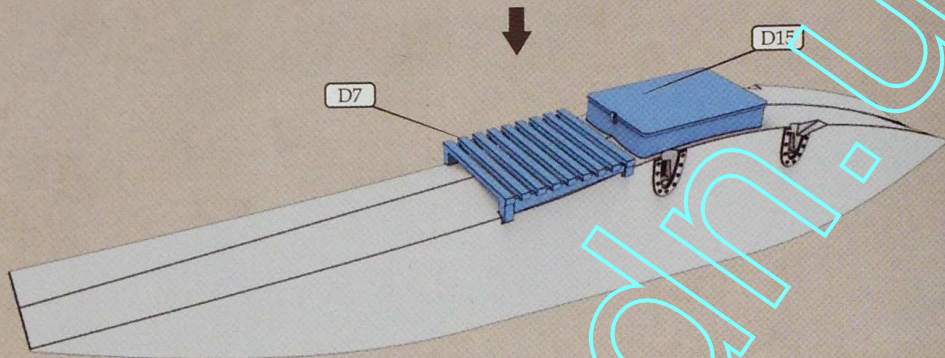
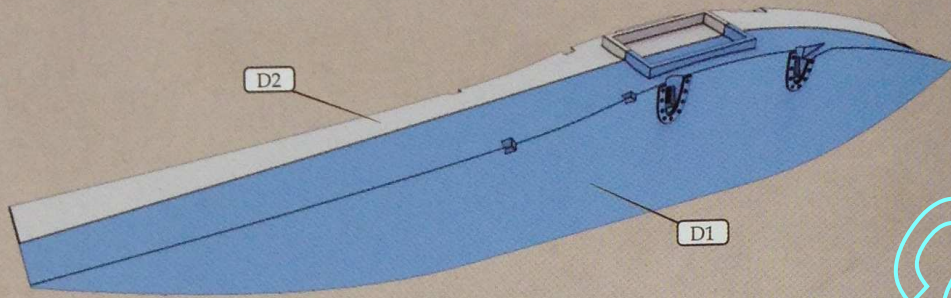
VI Top wing and cowlings



x2

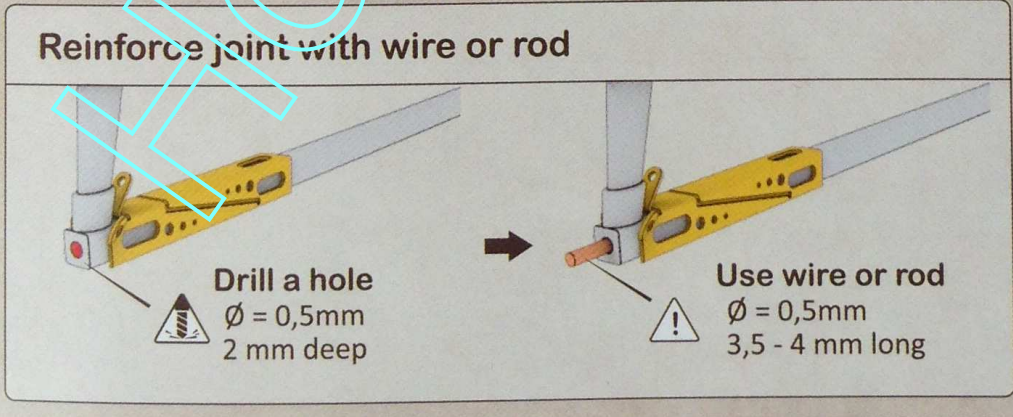
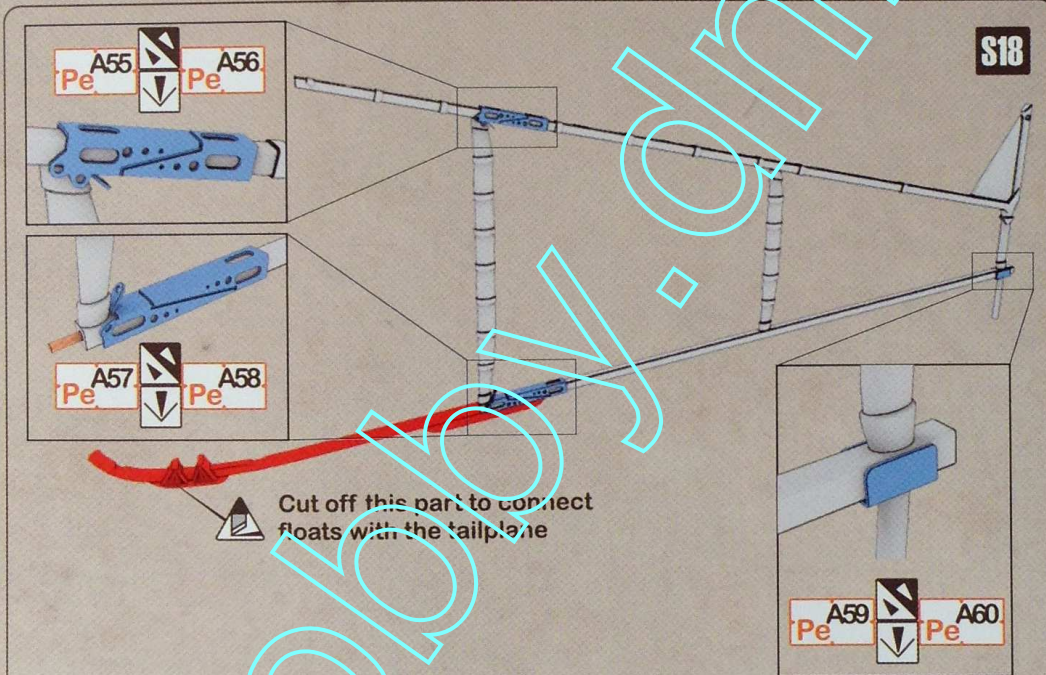
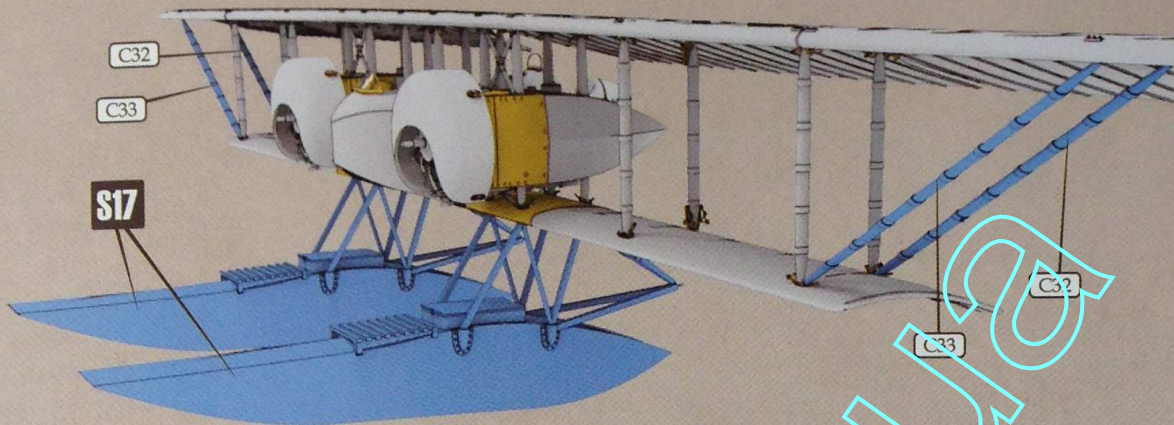
VII Floats

S17

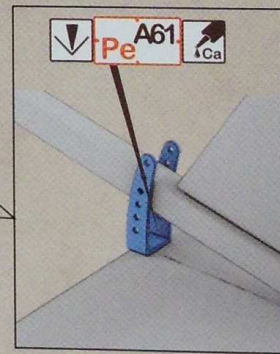
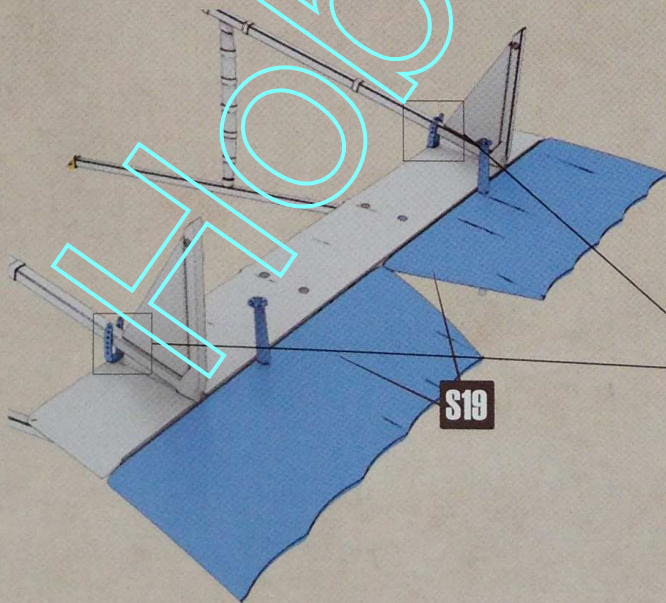
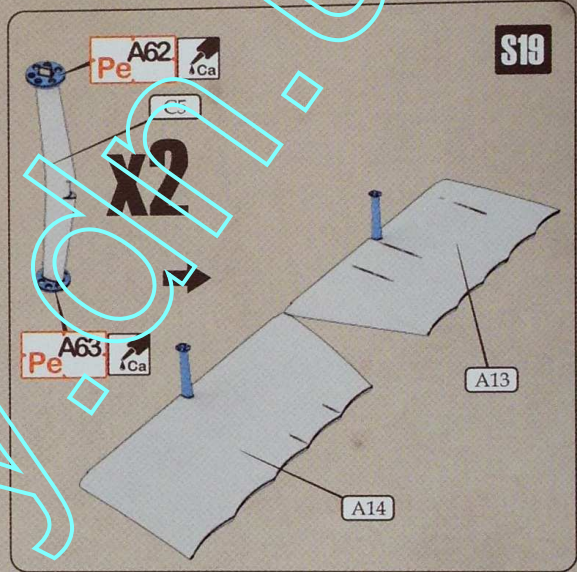
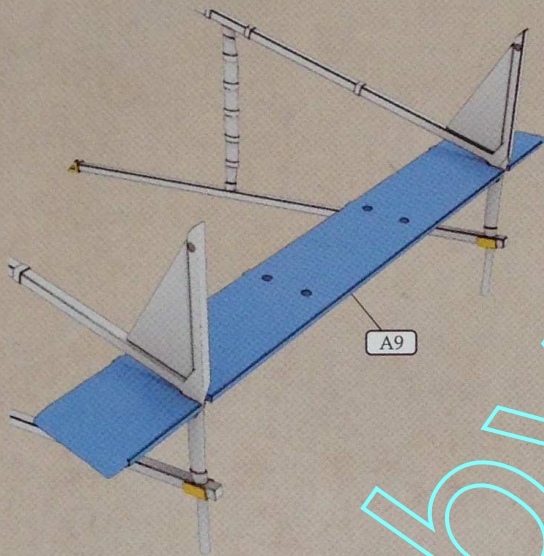
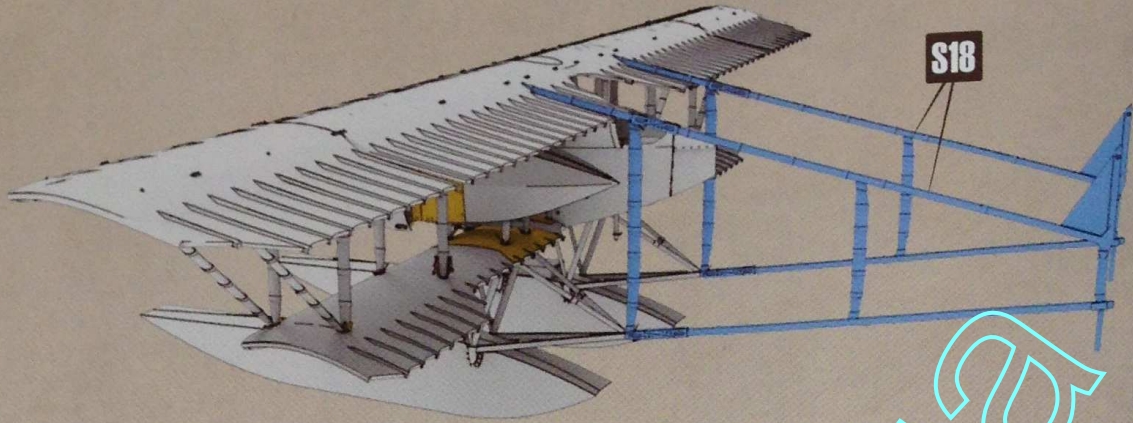


x2

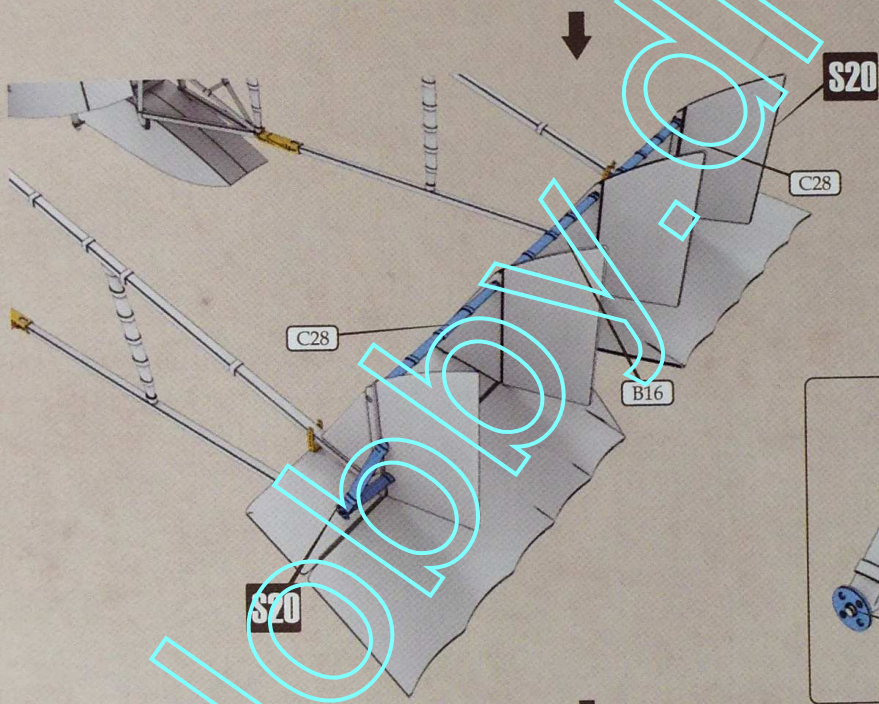
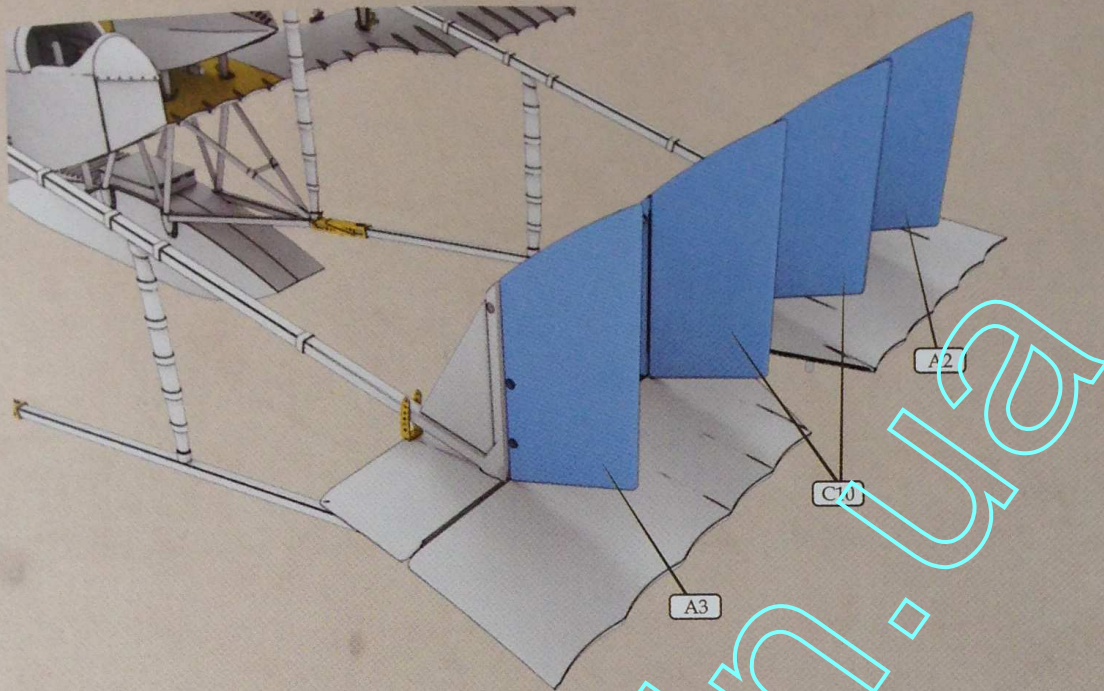
VIII Tailplane and other



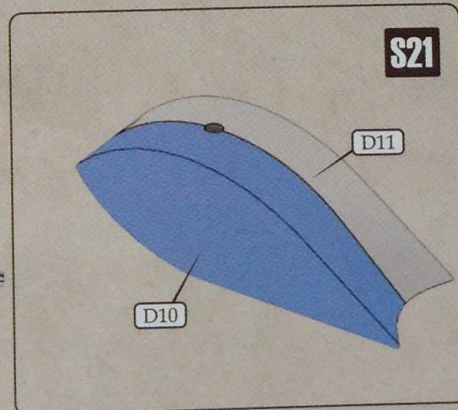
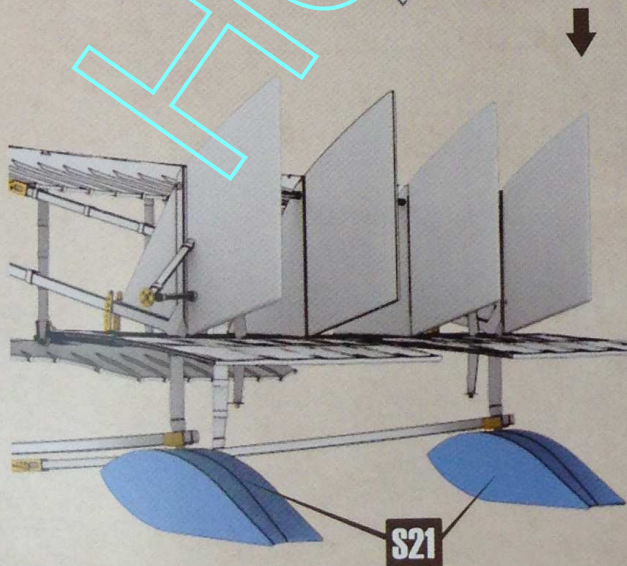
IX Tailplane



X Tailplane and floats

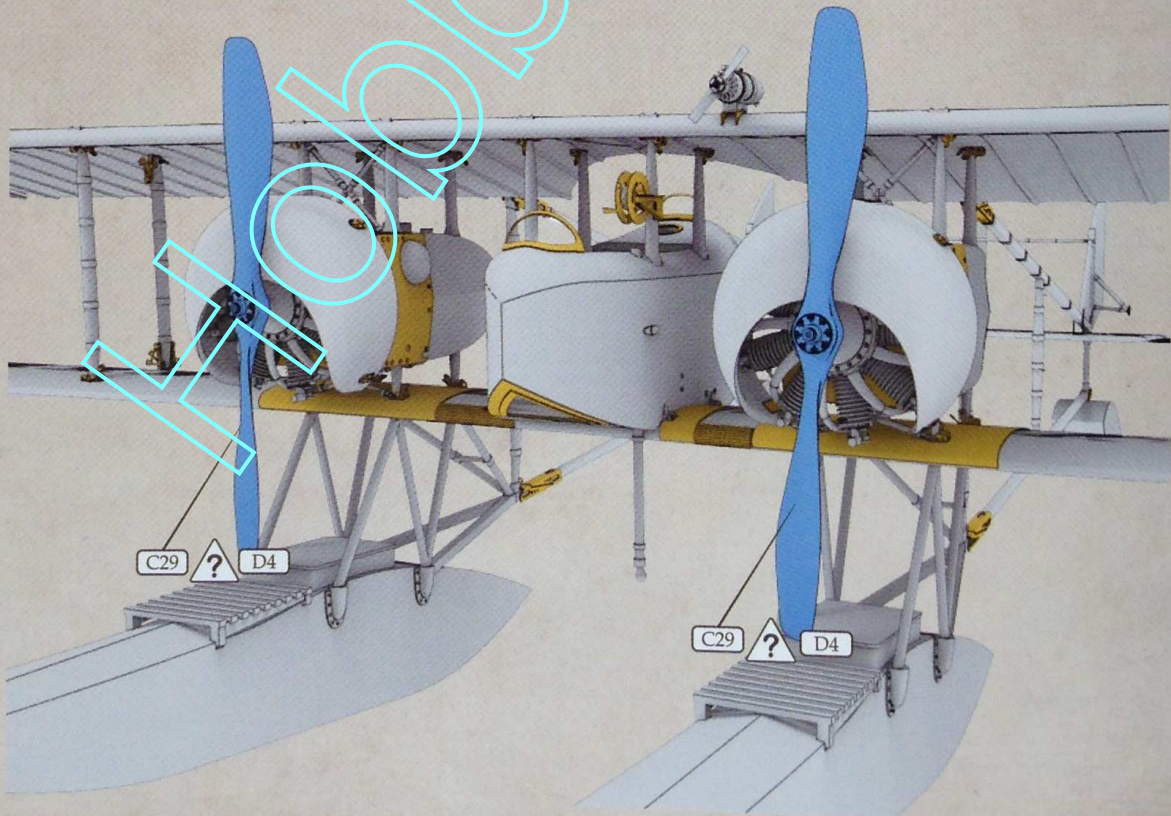
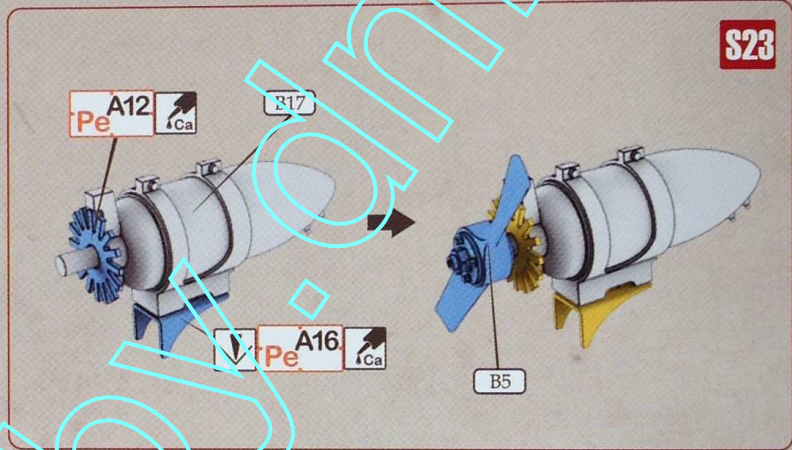
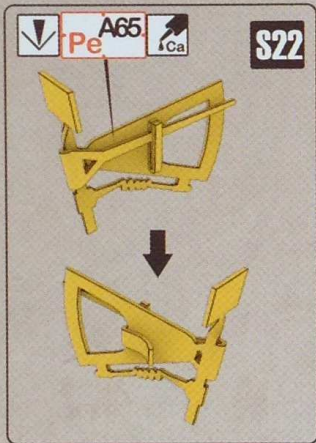
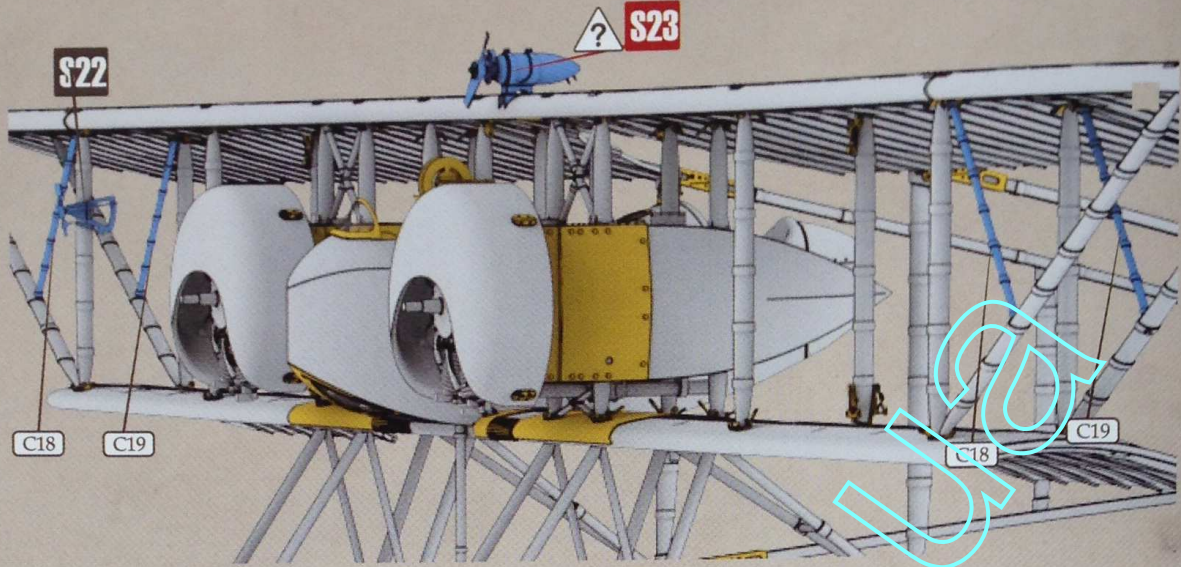


x2



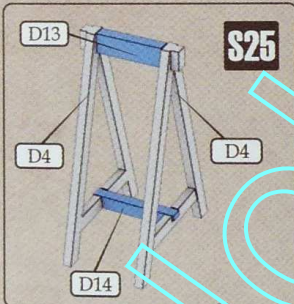
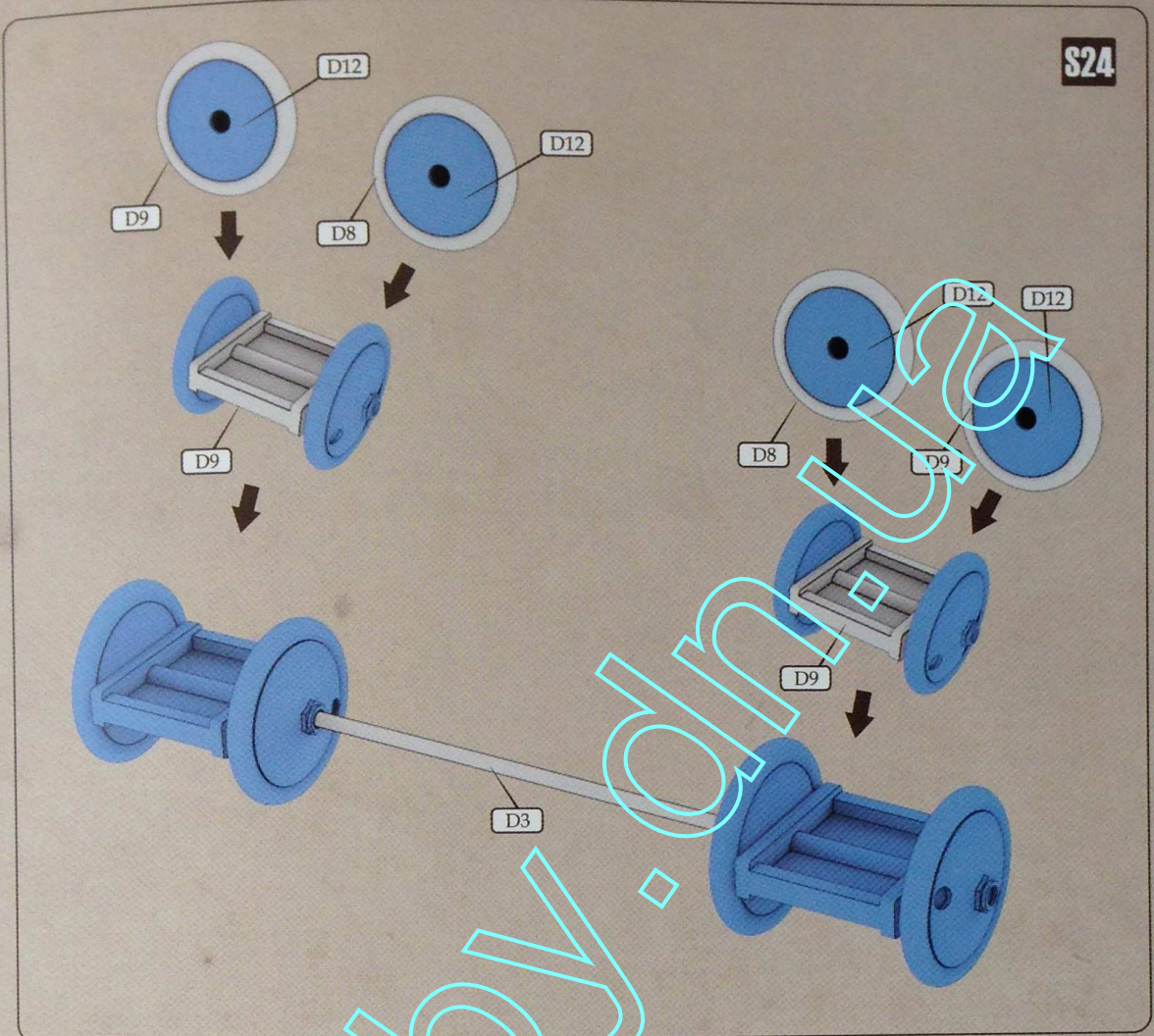
x2

XI Propellers and other

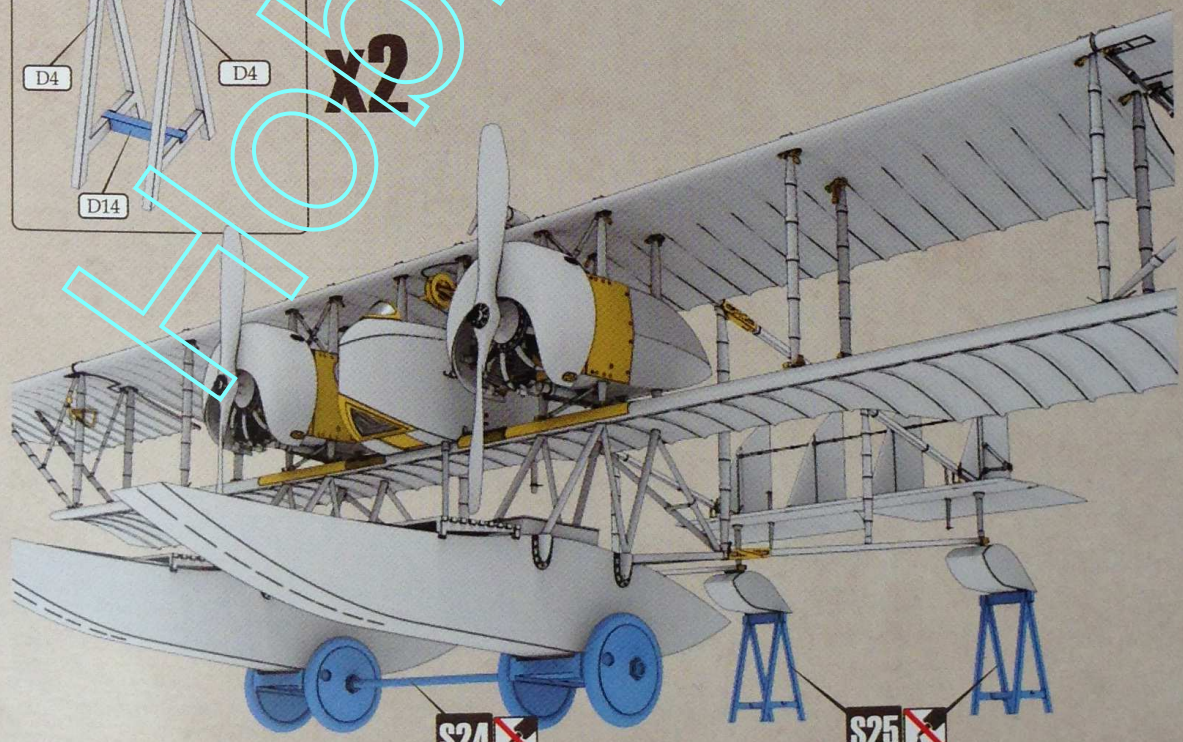


XII Trolleys and trestles

S24

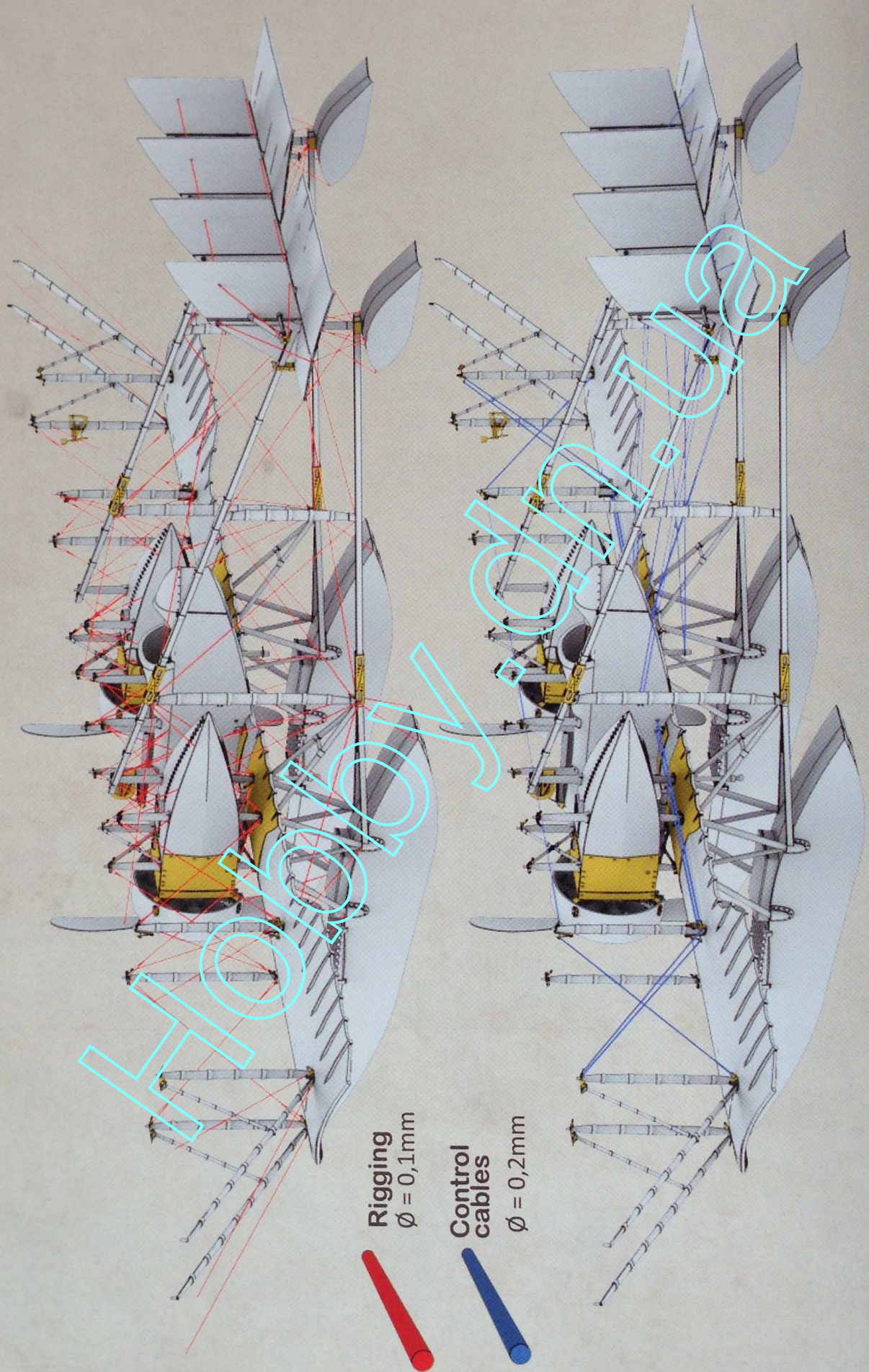


x2



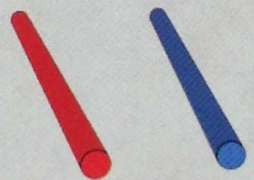
S24

S25



Rigging
 $\varnothing = 0,1\text{mm}$

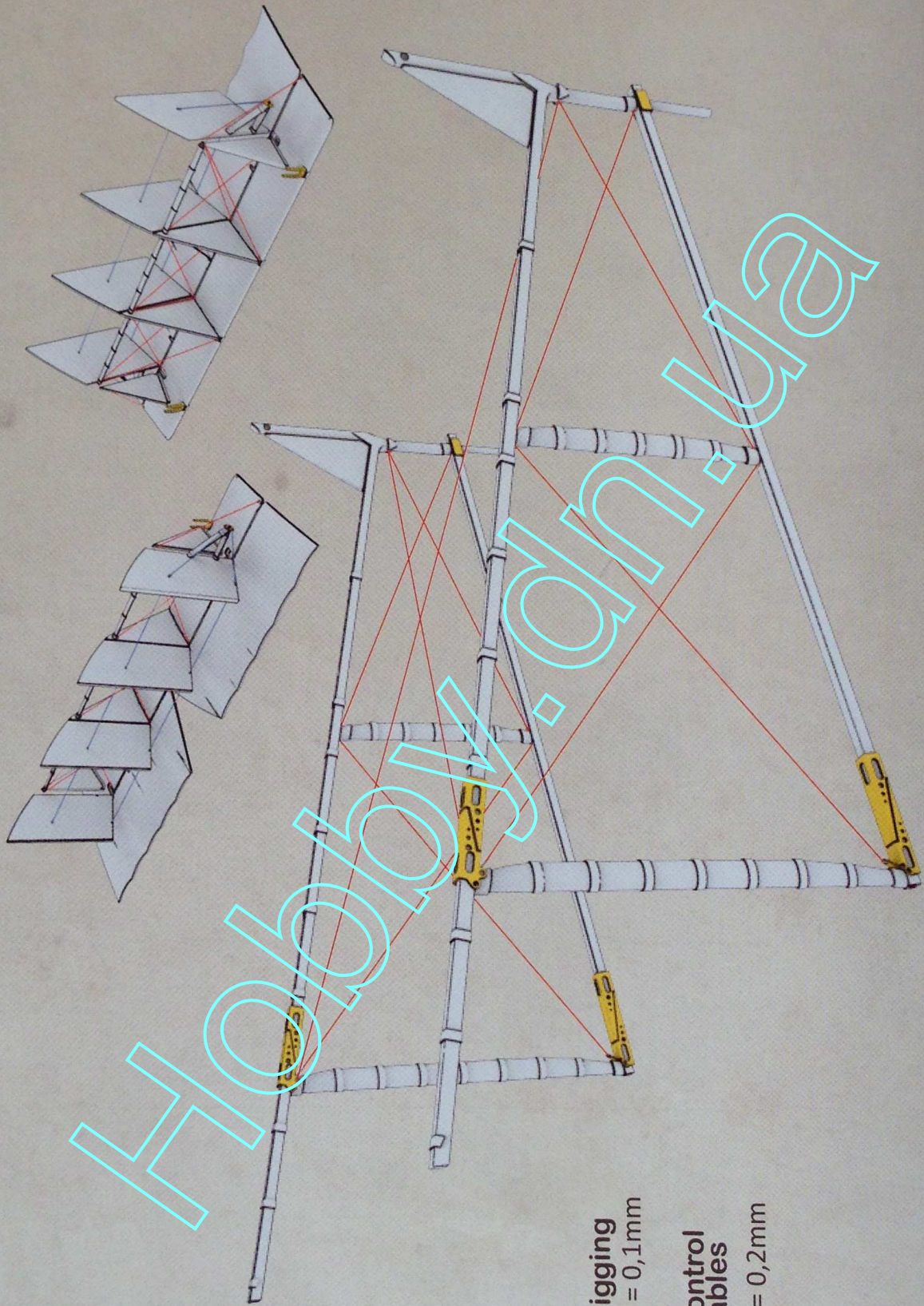
Control cables
 $\varnothing = 0,2\text{mm}$



XIII Rigging



XIII Rigging



Rigging
 $\varnothing = 0,1\text{mm}$

Control cables
 $\varnothing = 0,2\text{mm}$

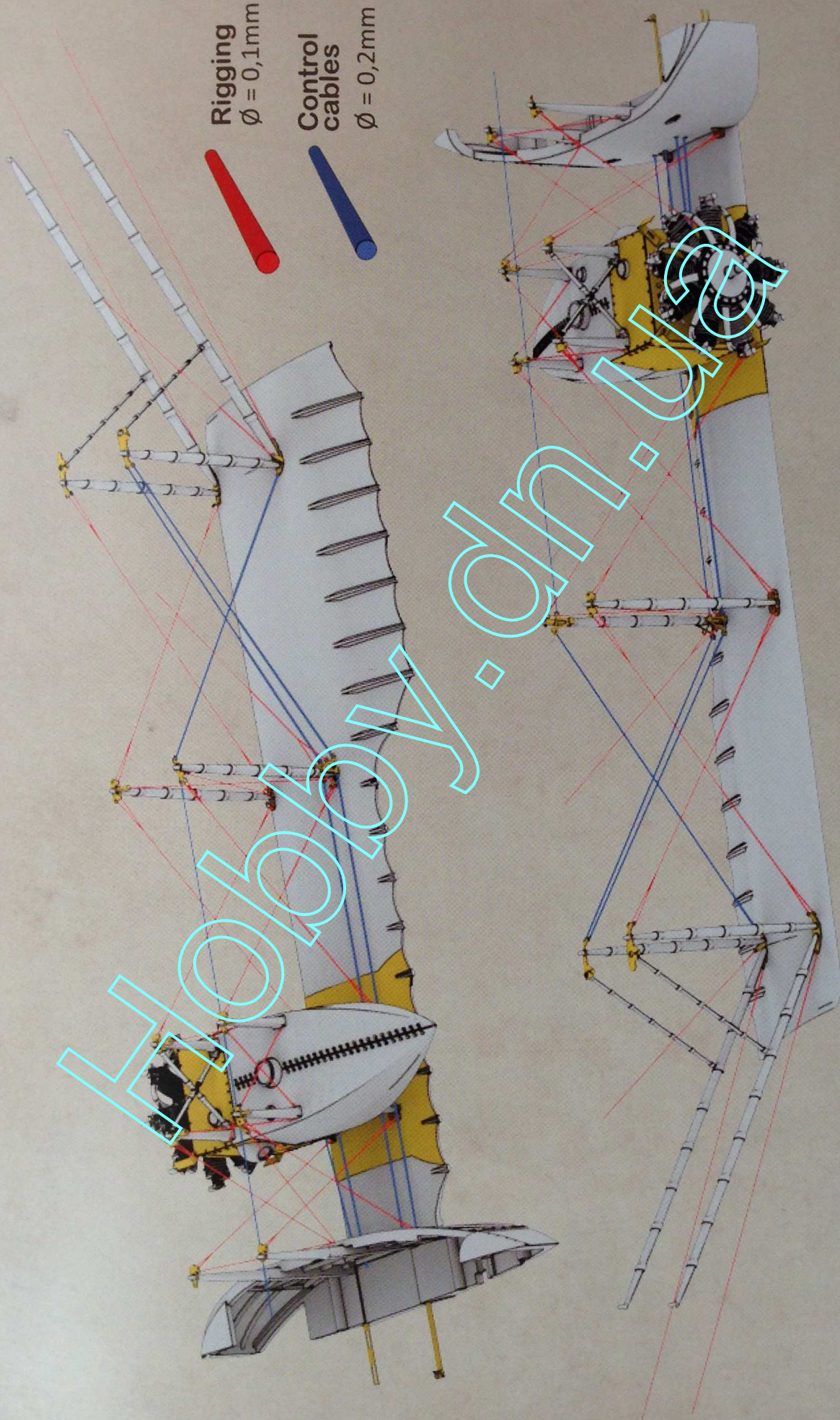


XIII Rigging

Rigging
Ø = 0,1mm



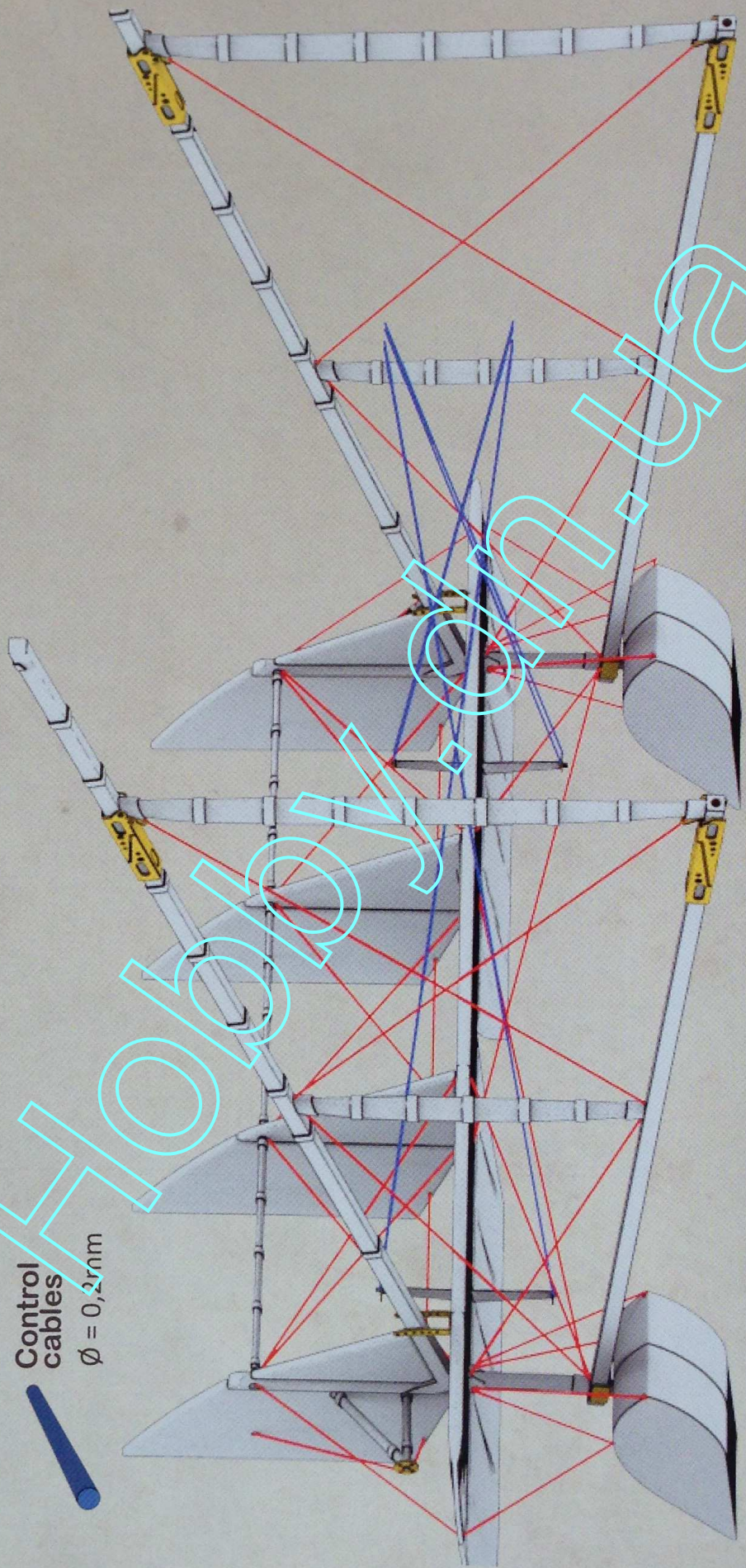
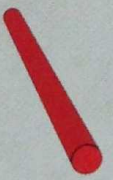
Control cables
Ø = 0,2mm



XIII Rigging

Rigging
 $\varnothing = 0,1\text{mm}$

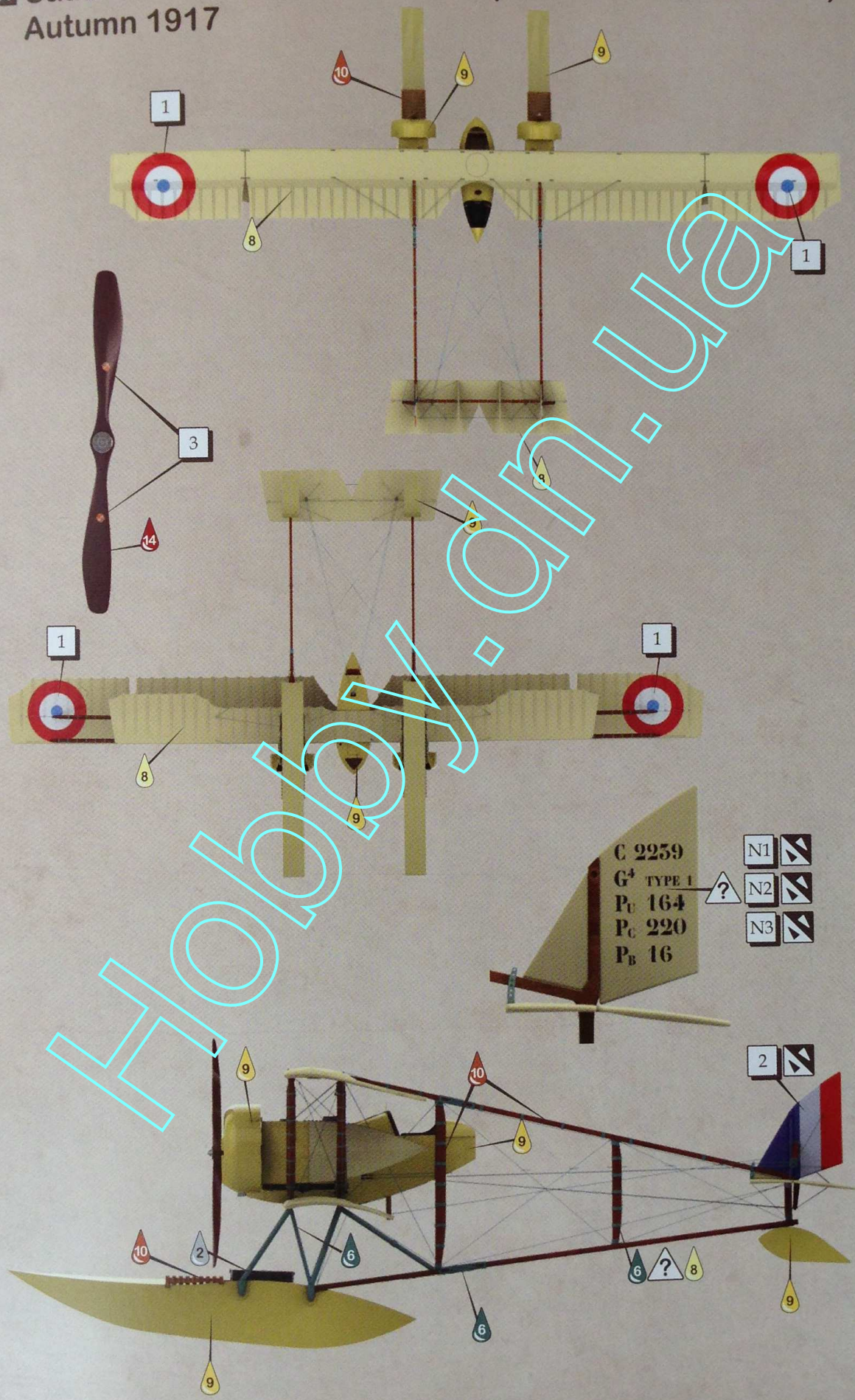
Control
cables
 $\varnothing = 0,2\text{mm}$



HobbyKing.com

XIV Paint colours and markings

A Caudron G.4 Hydravion - St. Raphael naval air station, Autumn 1917



C 2259
 G⁴ TYPE 1
 P_U 164
 P_C 220
 P_B 16

- N1
- N2
- N3

- 2