

AÉROPLANES
CAUDRON FRÈRES

à RUE (Somme)

NOTICE D'INSTRUCTION

du

BIPLAN CAUDRON

TYPE G. 3. 80 HP.



sku: 32006

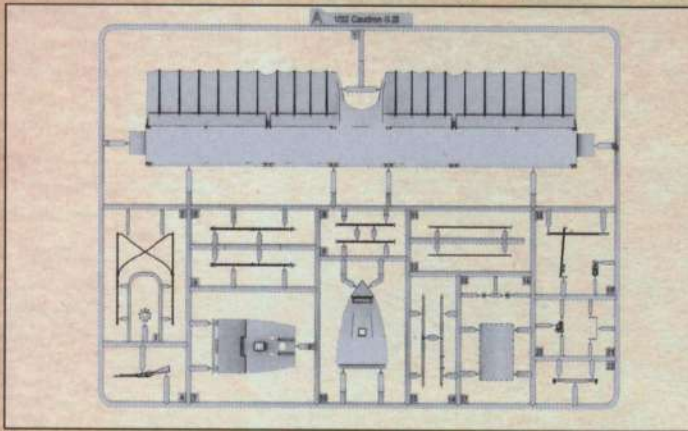
Échelle: 1/32

Caudron G.III

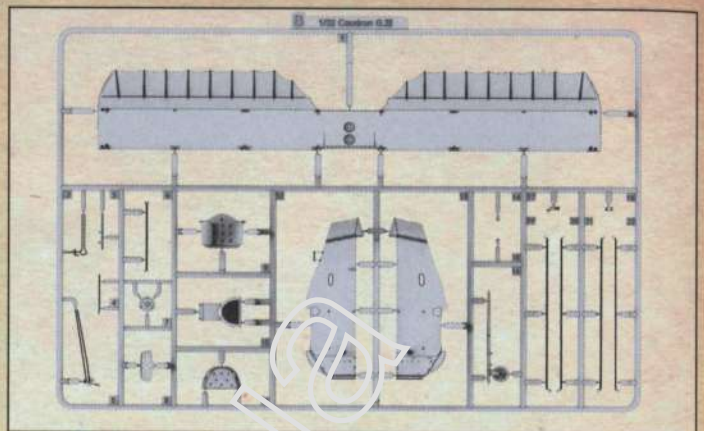
CSM SIA, 2021

Important Notes

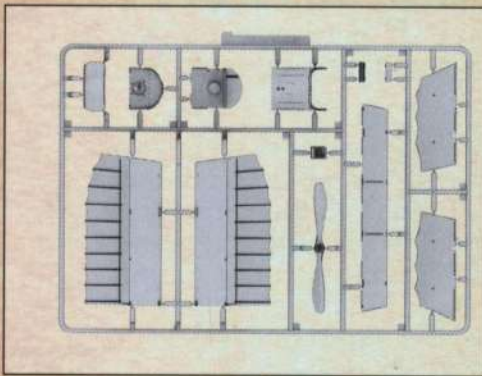
- Read the instruction carefully before starting assembly.
- Use glue intended for plastic models.
- Choking hazard. Keep small parts and plastic bags away from children.
- Always wear protective eyewear when cutting and a protective mask when painting, glueing and sanding.
- Use paints designed and suitable for plastic model kitsets.



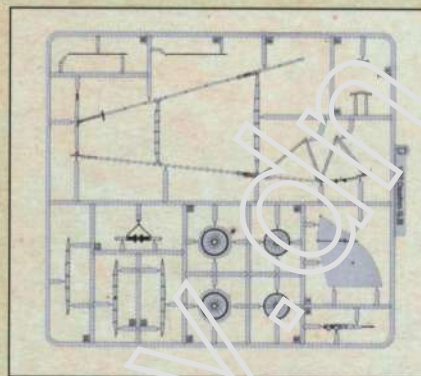
Runner A



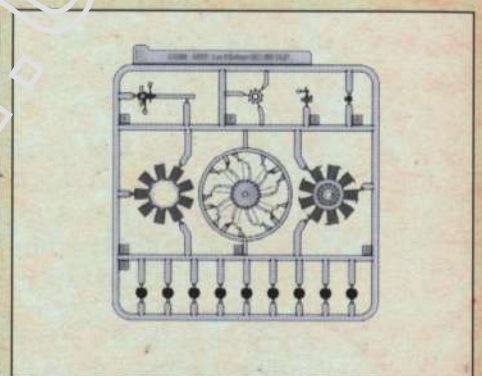
Runner B



Runner C



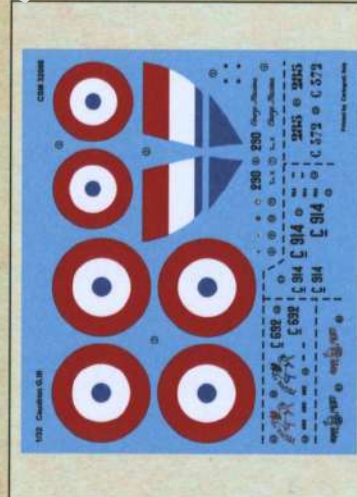
Runner D



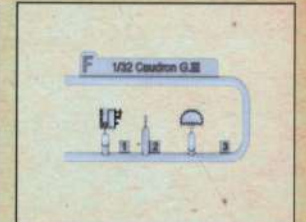
Runner E

Colour numbers

1 Medium Blue	10 Doped linen
2 Aluminum	11 Rubber
3 Copper	12 Red brown varnish
4 Steel	13 Grey
5 Black	14 Blue+Aluminum
6 White	15 Plywood
7 Dark or black leather	16 Wood
8 Leather	17 Linen gloss
9 Brass	18 Grey green



Decals



Runner F

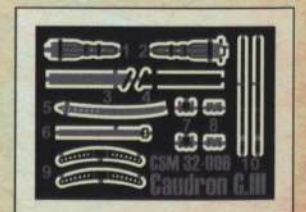


Photo Etch

Symbols Reference

B.16
Jaeger
tachometer

Part number
Part name

Other side

Cut/Remove

Drill

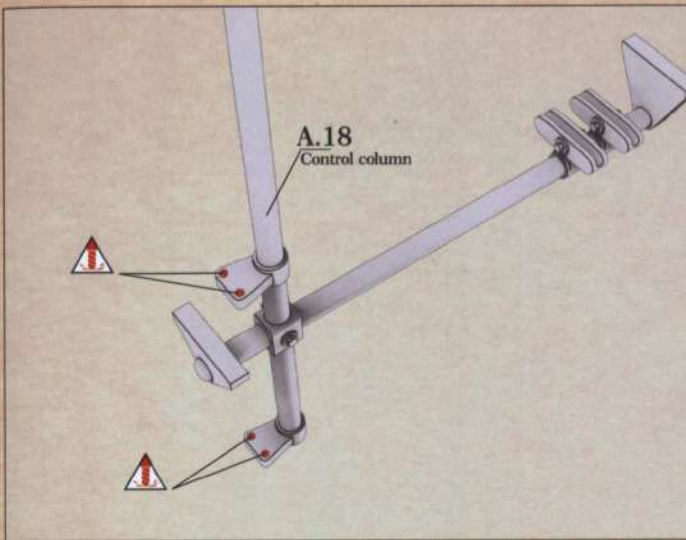
Paint colour

PE.1 Photo etch part

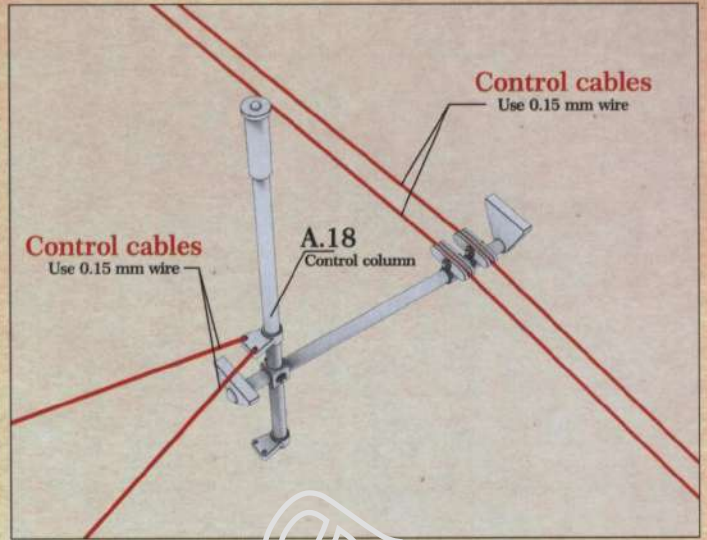
Option

Attention

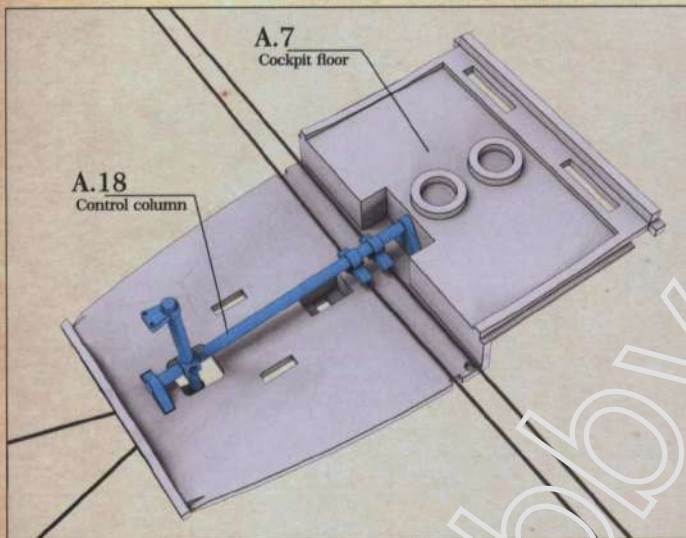
Apply decal



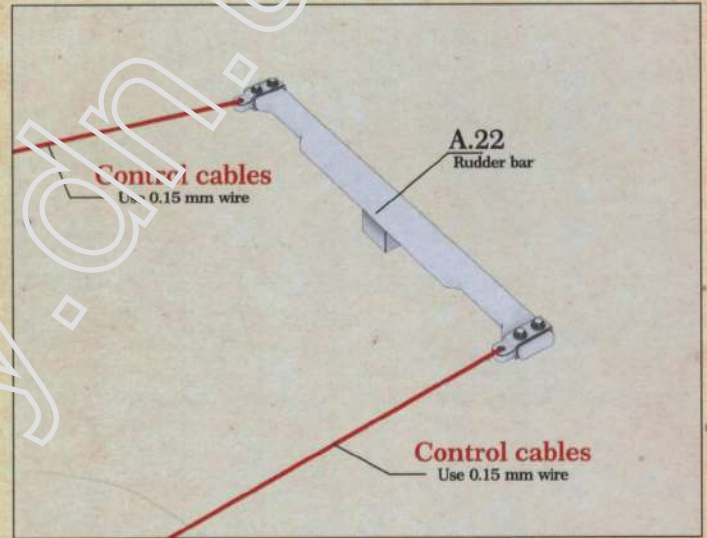
Step 1. Drilling holes in the control column for control cables



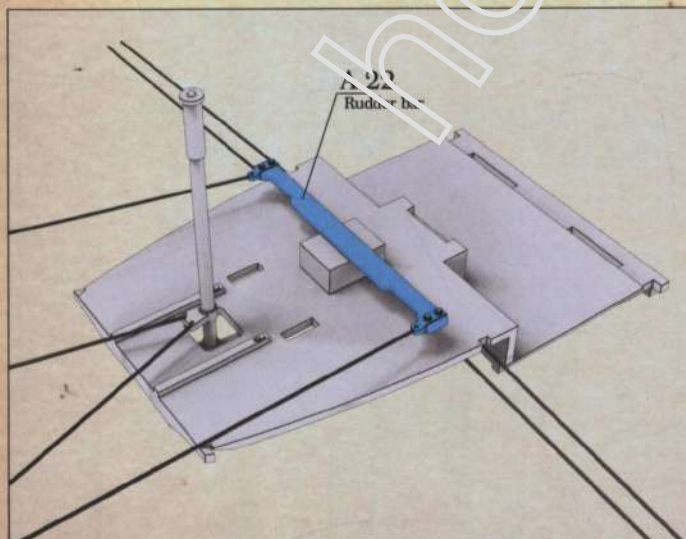
Step 2. Adding control cables to the control column



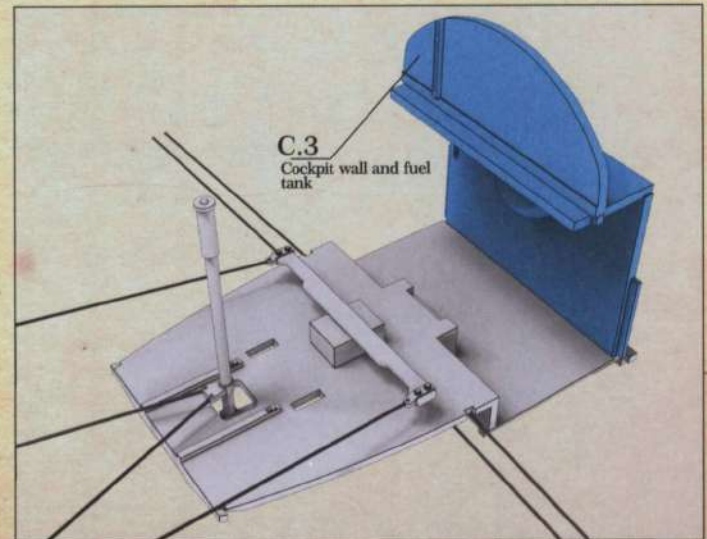
Step 3. Installing the control column into the fuselage floor



Step 4. Installation of the control cables

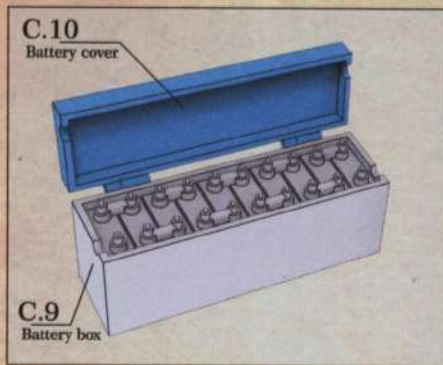


Step 5. Installing the rudder bar into the cockpit floor

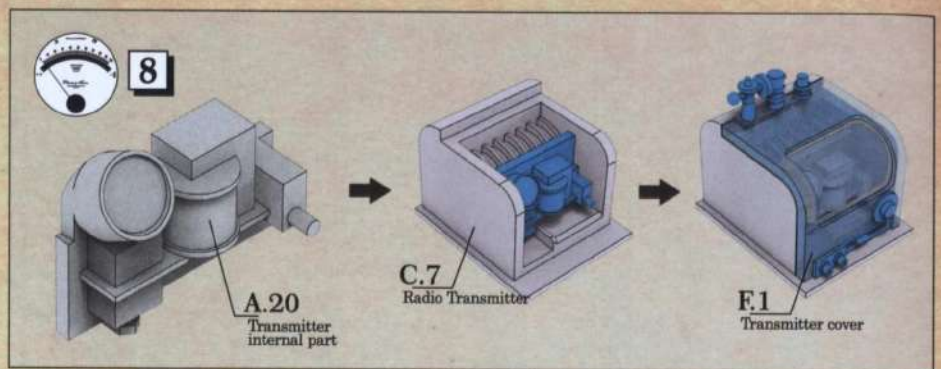


Step 6. Installing the fuel tank front wall with carburetor wall protection

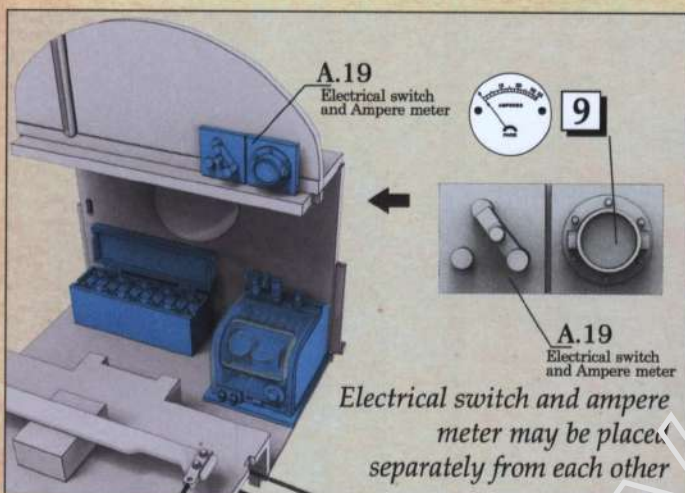
RADIO EQUIPMENT SET



Step 7. Assembling the battery box



Step 8. Assembling the transmitter



Step 9. Possible layout of the radio equipment in the cockpit

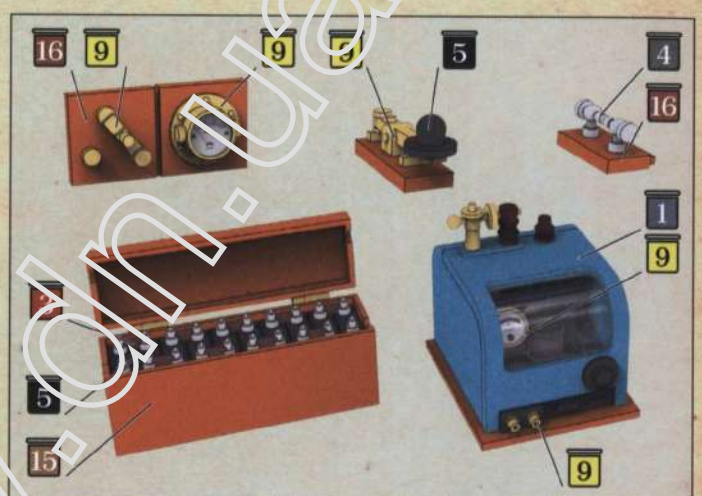


Fig. 1. Painting guide for the radio equipment

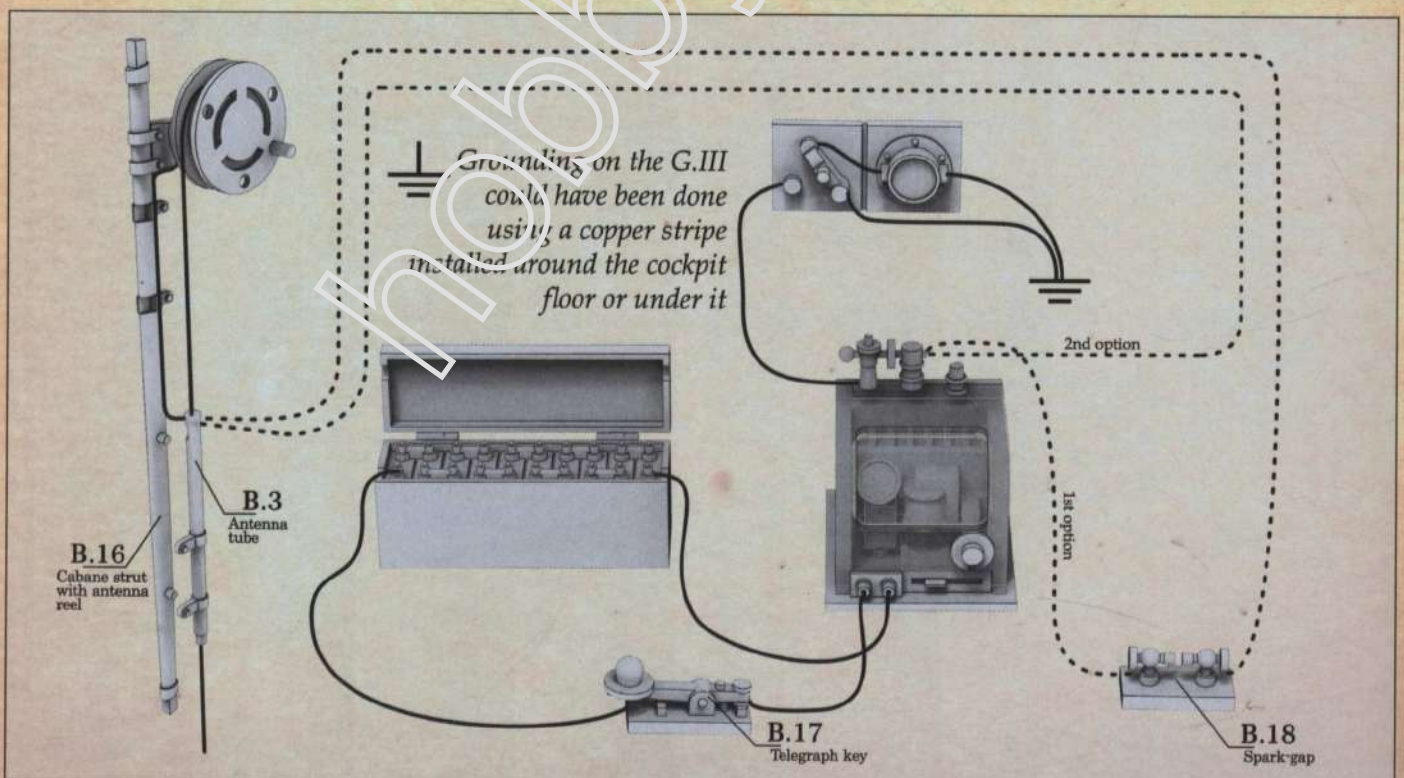


Fig. 2. Wiring diagram for radio equipment installed in the Caudron G.III. Please note, spark-gap could be installed outside the cockpit (starboard of the fuselage). Second option, to use the spark-gap on the transmitter, in that case do not install B.18 outside the fuselage

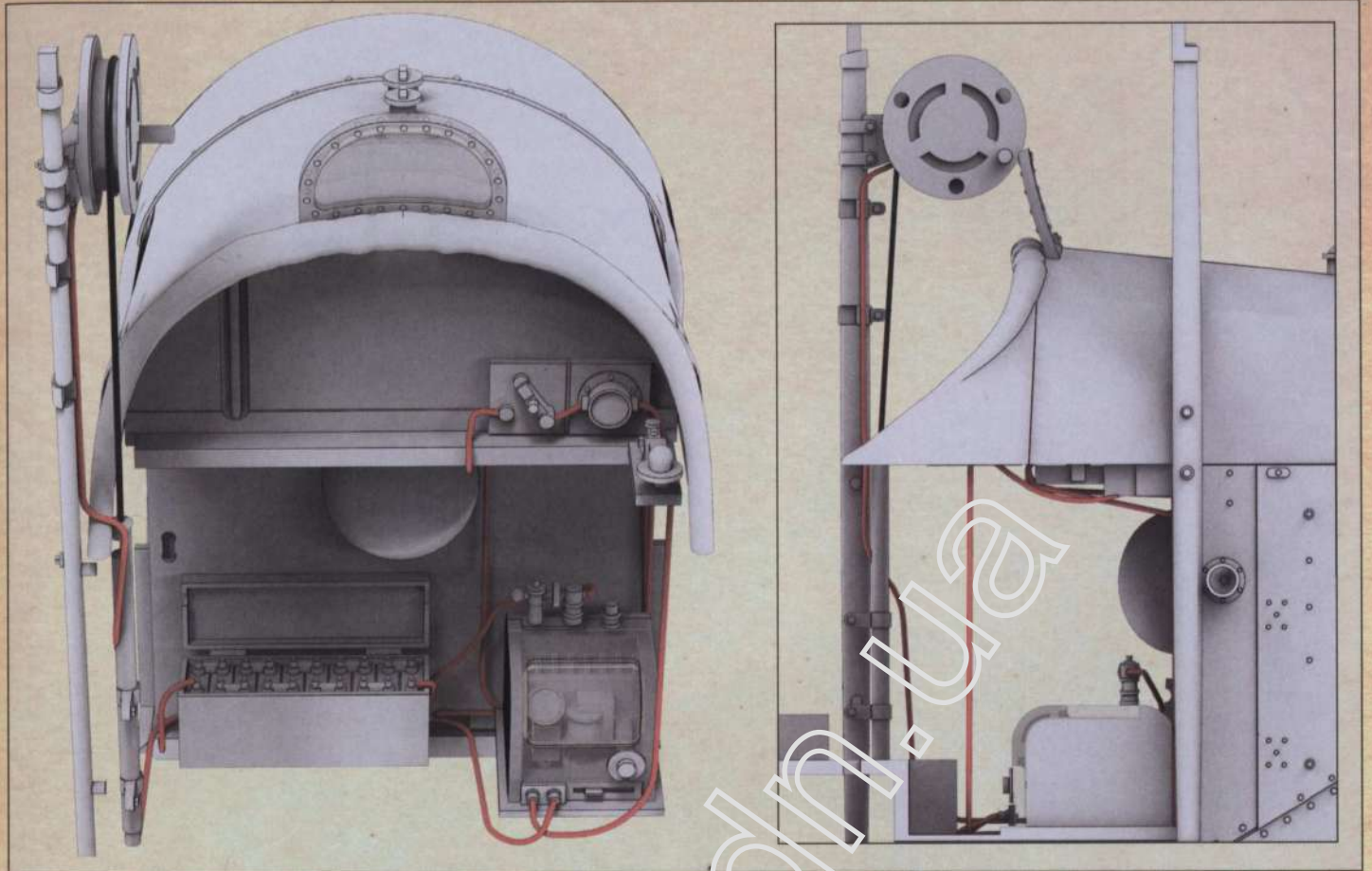


Fig. 3. Wires layout in the cockpit with no spark-gap installed outside the cockpit. Spark-gap is on the transmitter.

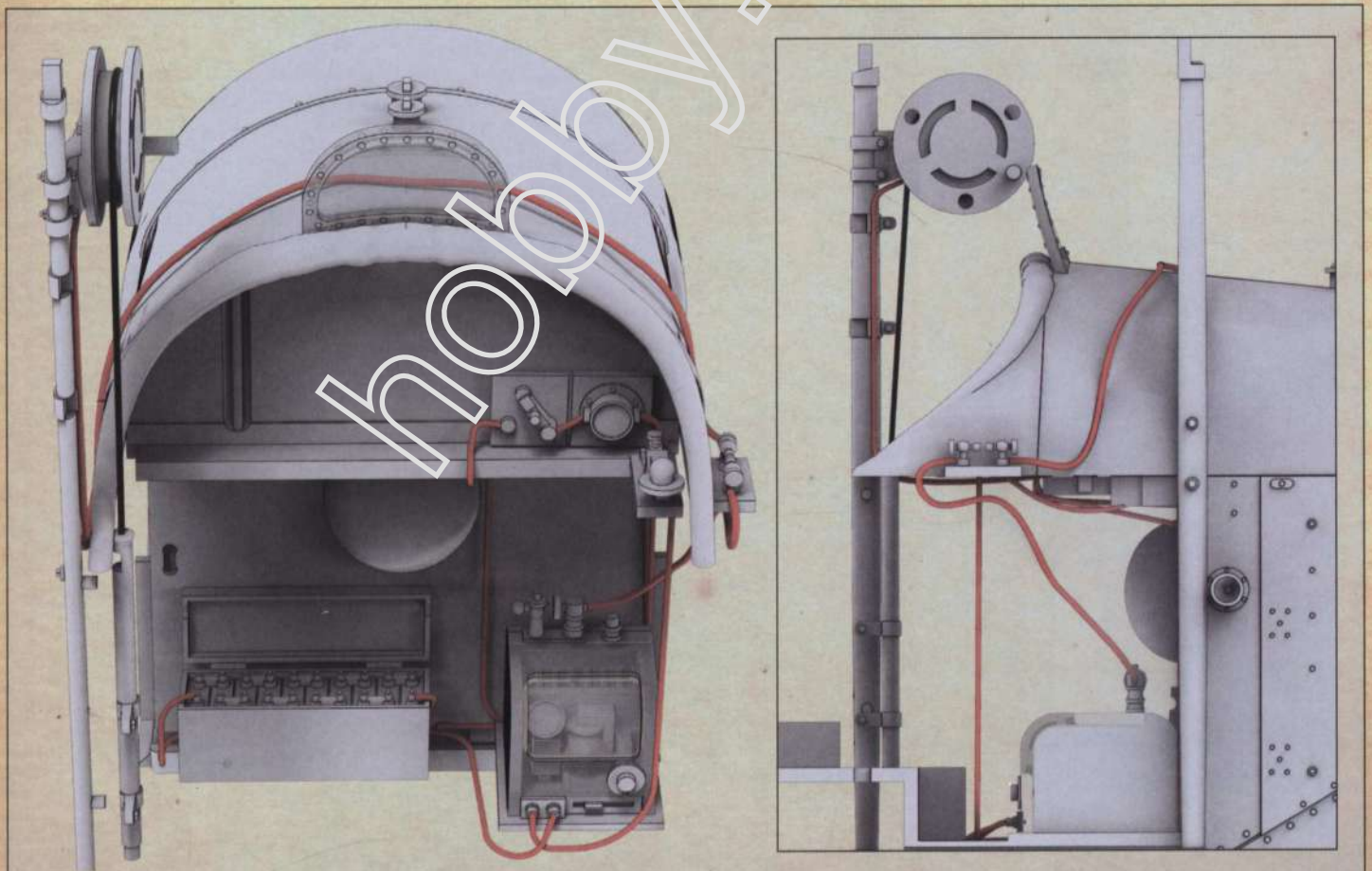
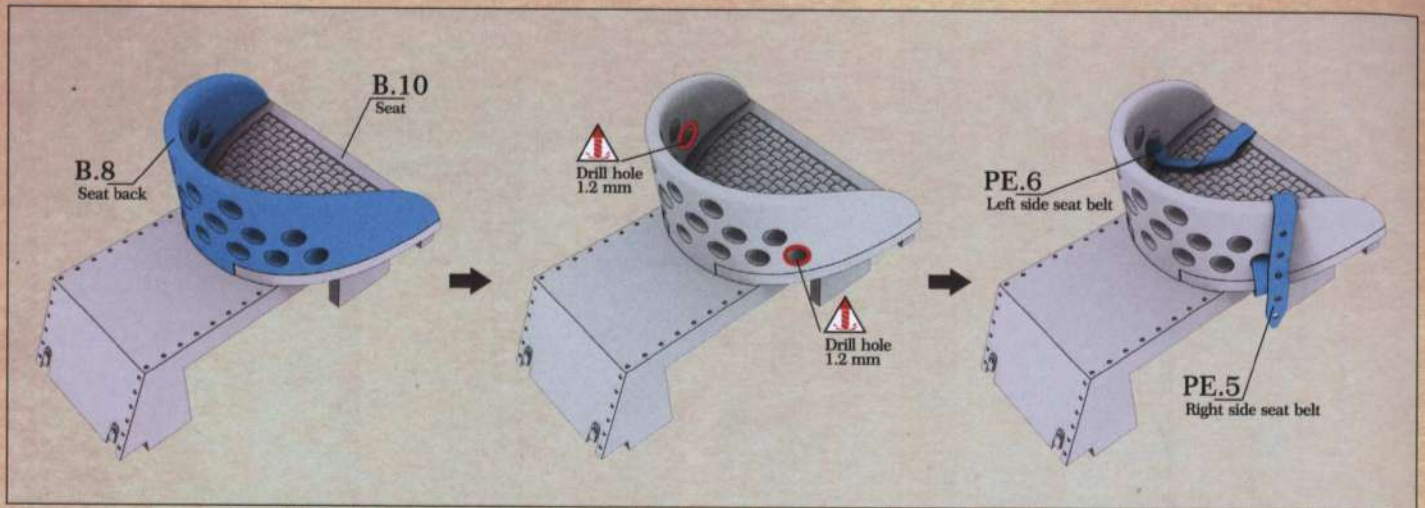


Fig. 4. Wires layout in the cockpit with spark-gap installed outside the cockpit. Wires are going around the cockpit to the antenna reel



Step 10. Assembling the observer's seat and safety belts

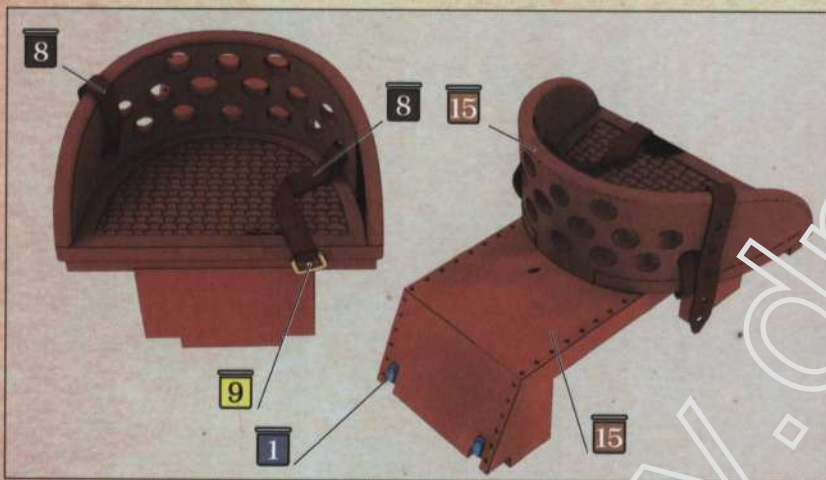
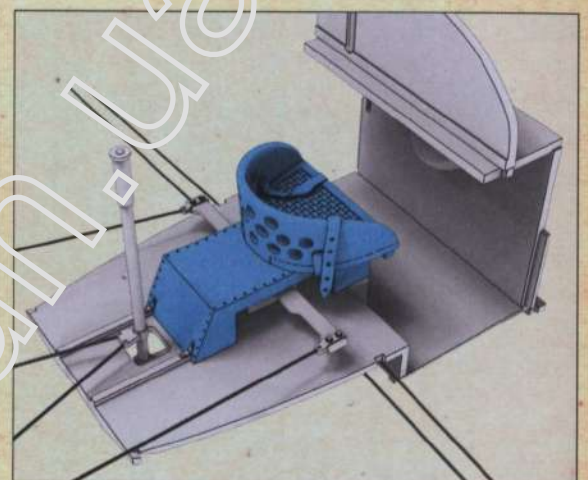


Fig. 5. Painting guide for the observer's seat and belts



Step 11. Installing the observer's seat into the cockpit

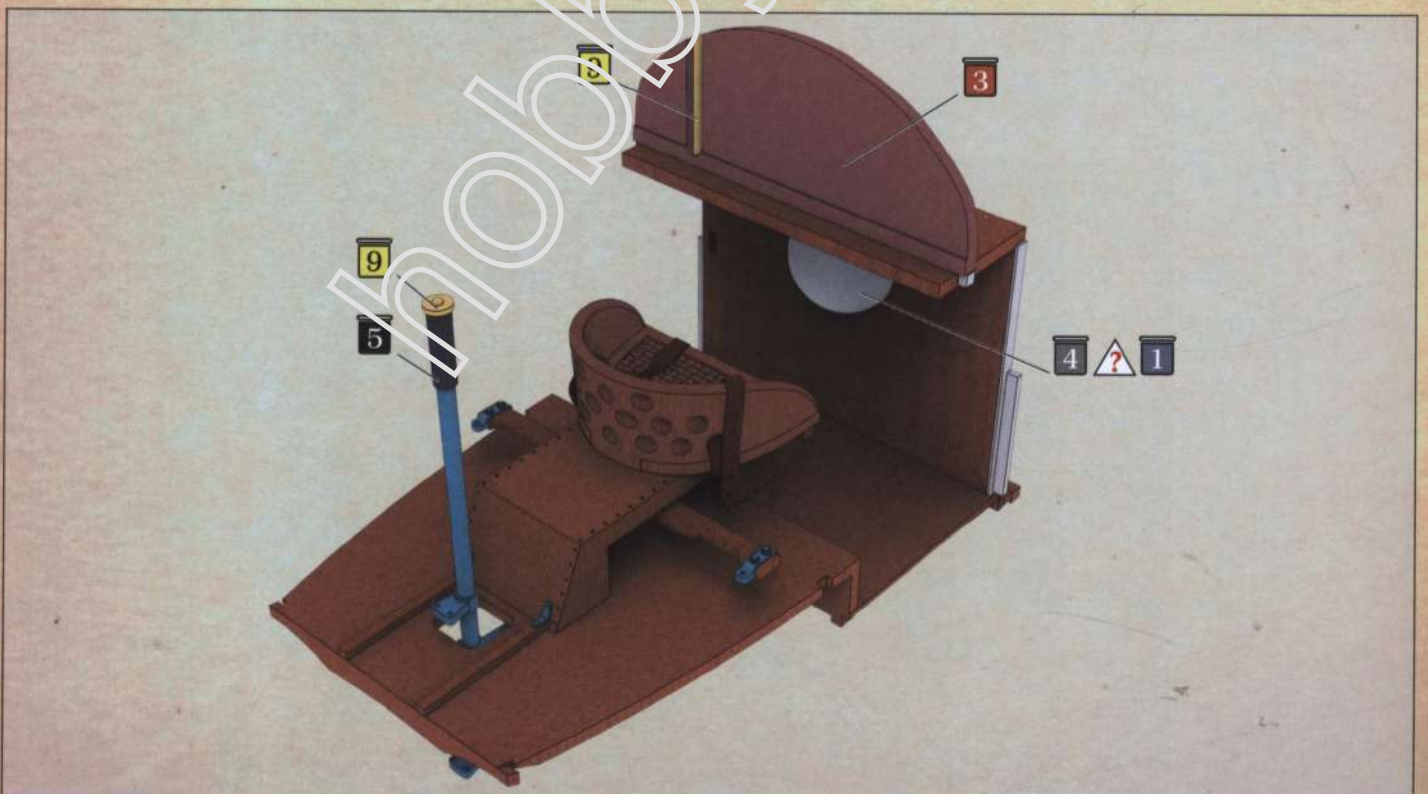
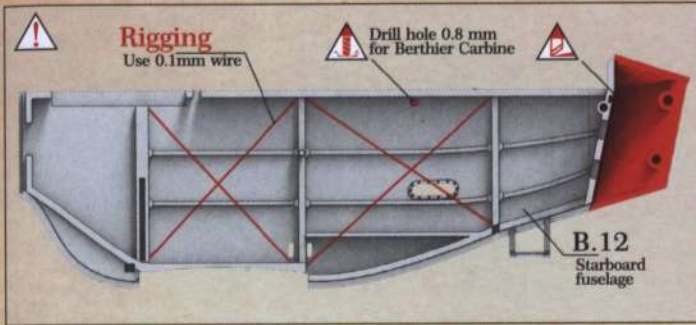
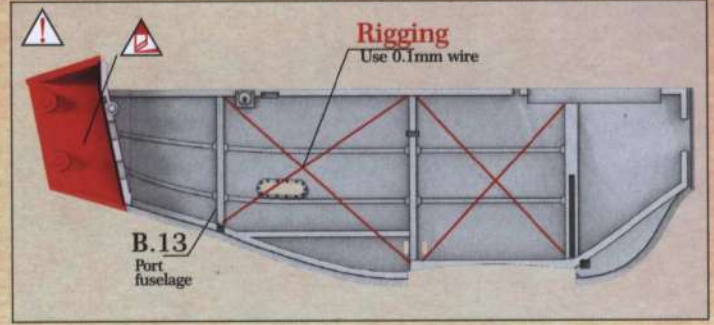


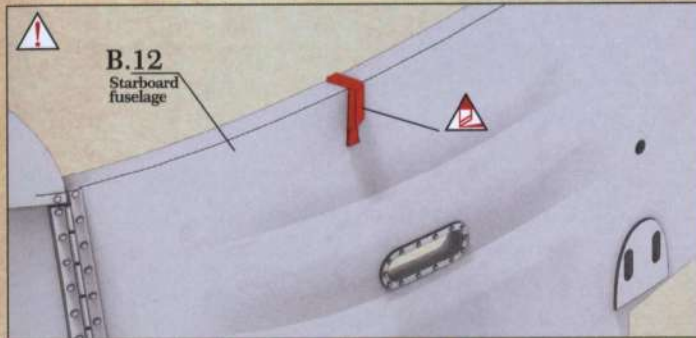
Fig. 6. Painting guide for internal details of the cockpit



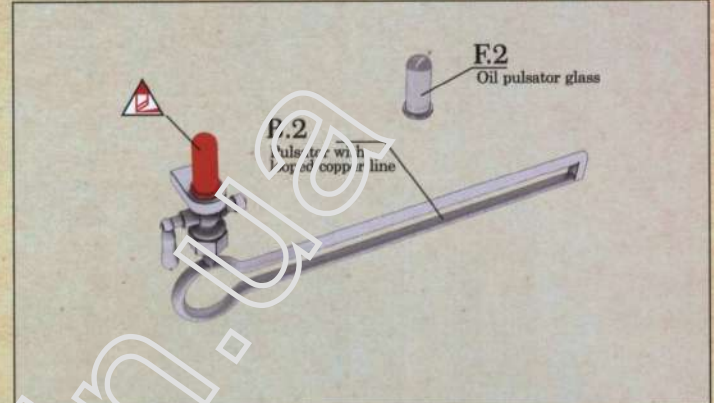
Step 12. Adding the rigging.
Cut off the rear part of the fuselage for bomb-equipped version.
Drill the hole in the fuselage for Berthier Carbine on board option



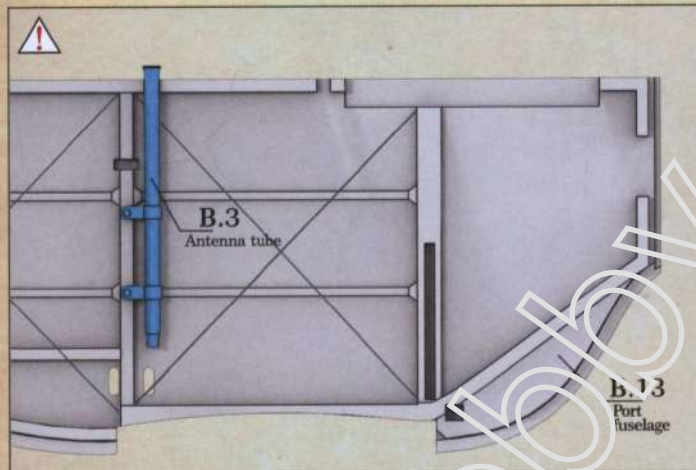
Step 13. Preparing the port fuselage to meet the chosen marking differences. Adding the rigging.
Cut off the rear part of the fuselage for bomb-equipped version



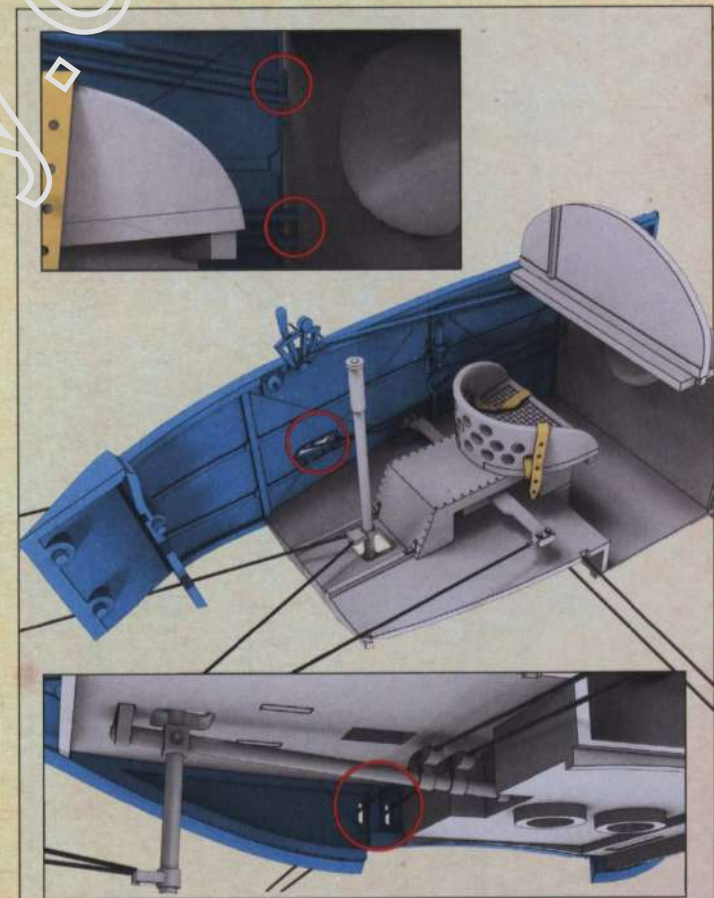
Step 14. Additional action only if no Berthier Carbine installed



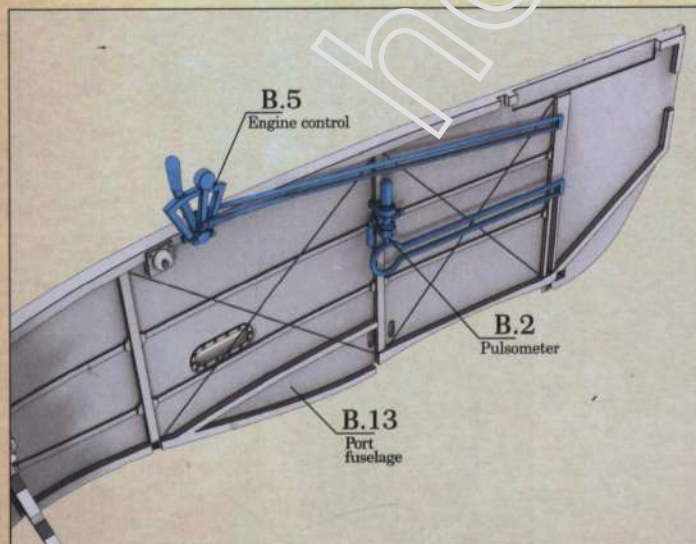
Step 15. Possible improvement option for the pulsator.
Plastic glass may be replaced with the transparent part



Step 16. Installation of the antenna tube. ONLY for radio-equipped version

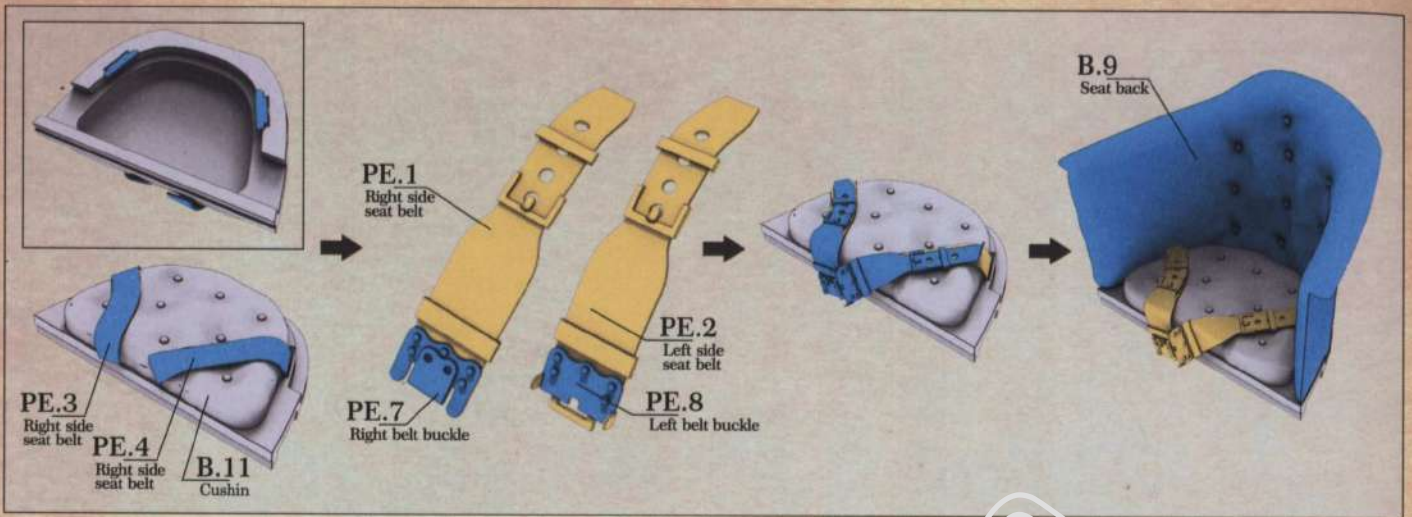


Control cables should be inserted into the fuselage holes.
One cable per hole.

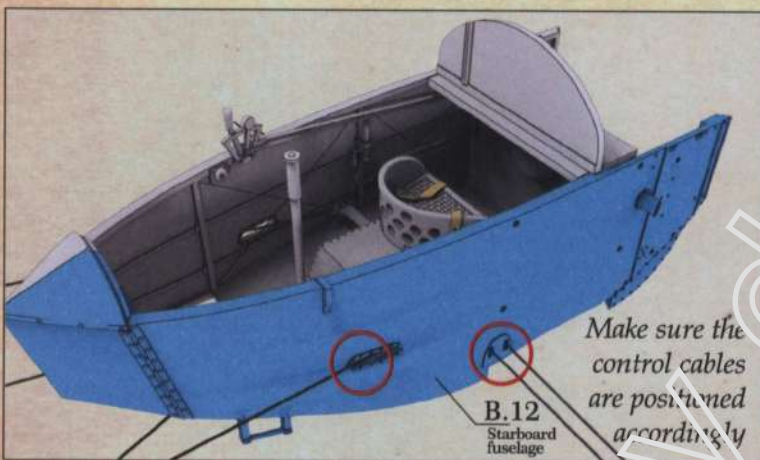


Step 17. Installing the engine control and pulsometer on the port fuselage frame

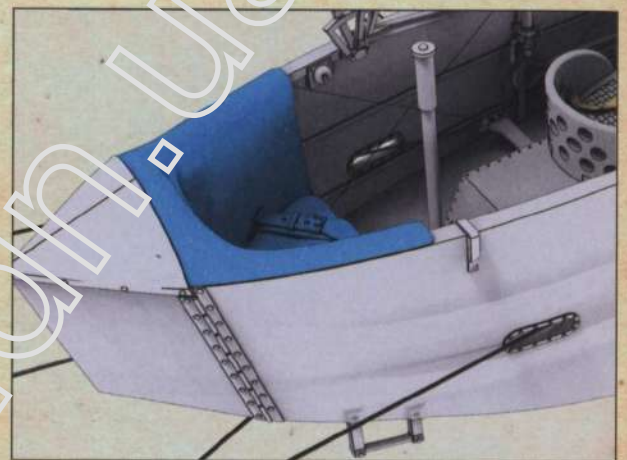
Step 18. Assembling the port fuselage frame and the cockpit



Step 19. Assembling the pilot seat and safety belts



Step 20. Installing the starboard fuselage piece



Step 21. Installing the pilot seat into the fuselage

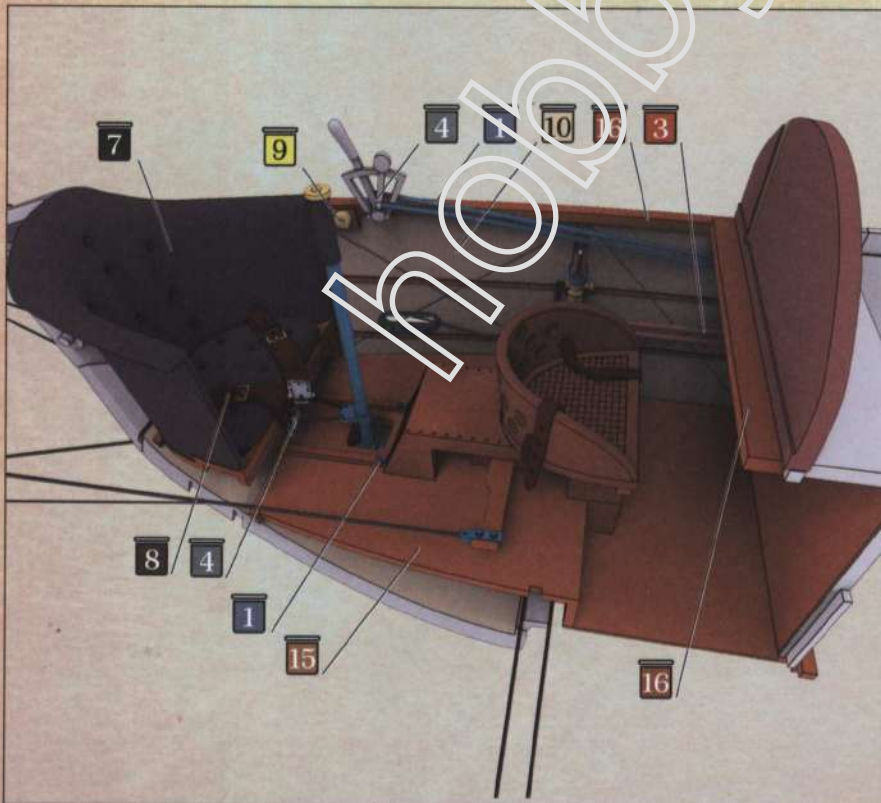
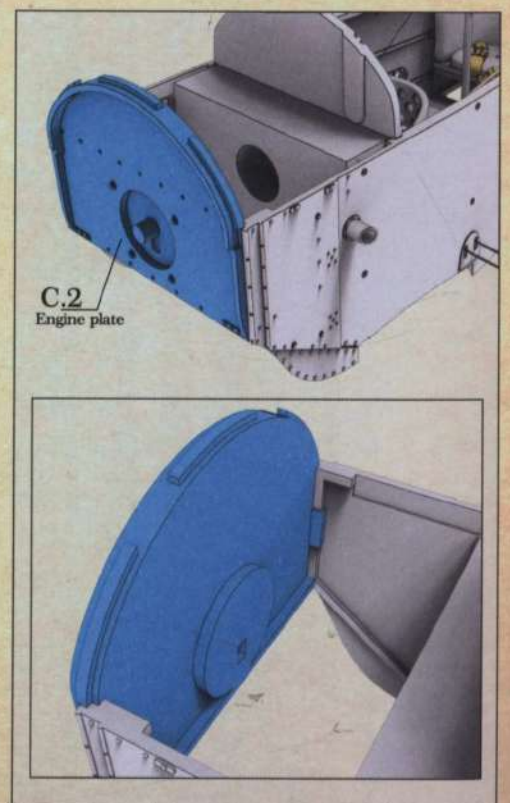
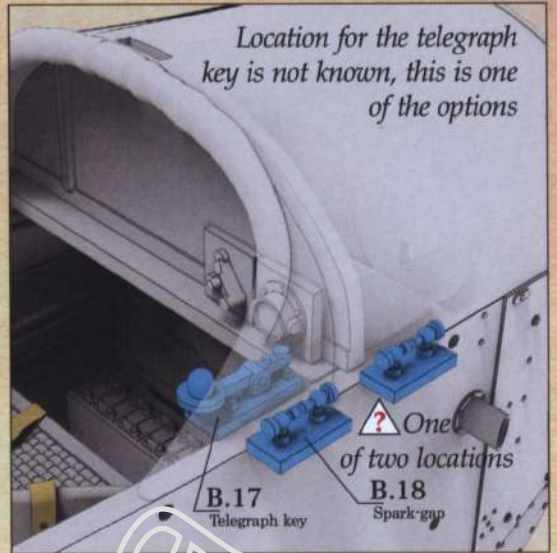
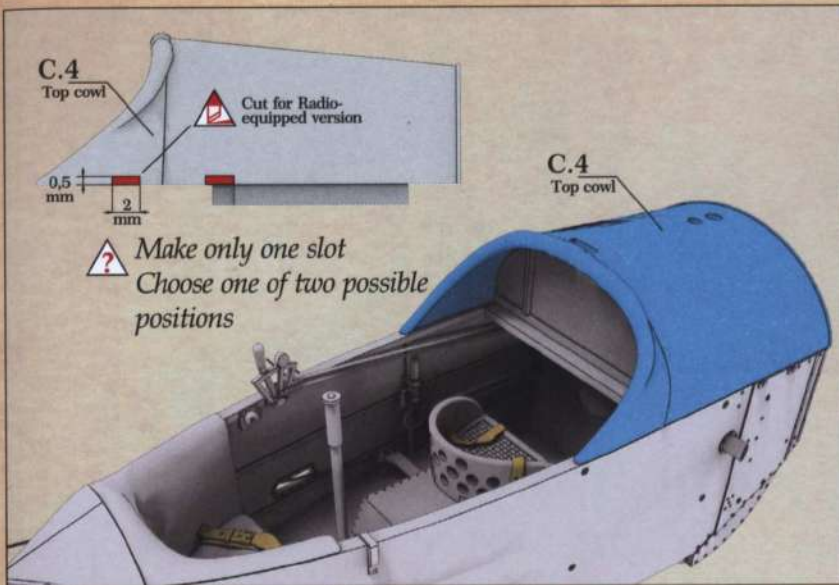


Fig. 7. Painting guide for the internal details

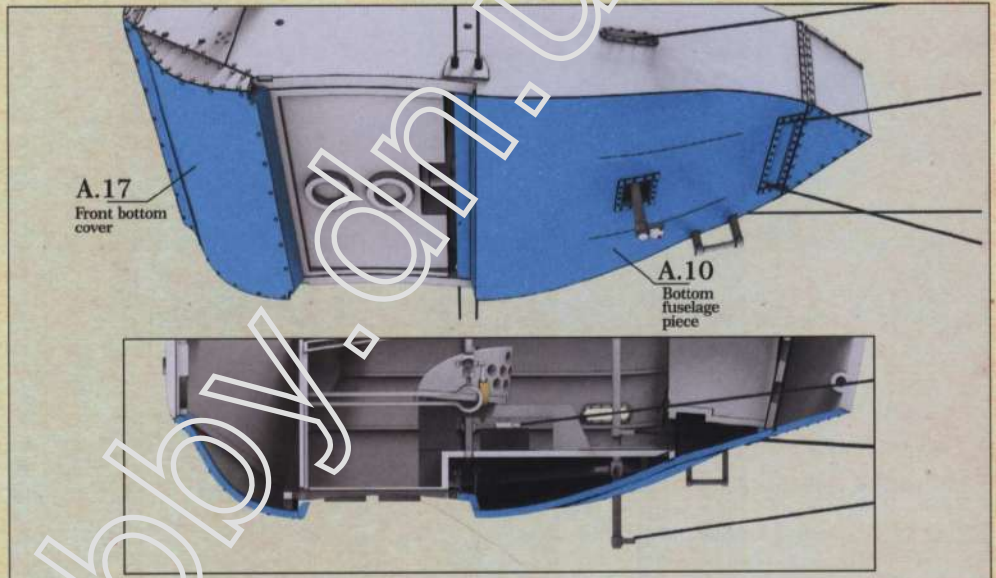
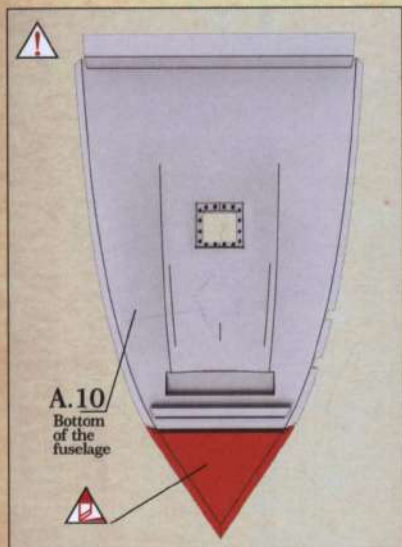


Step 22. Installation of the firewall



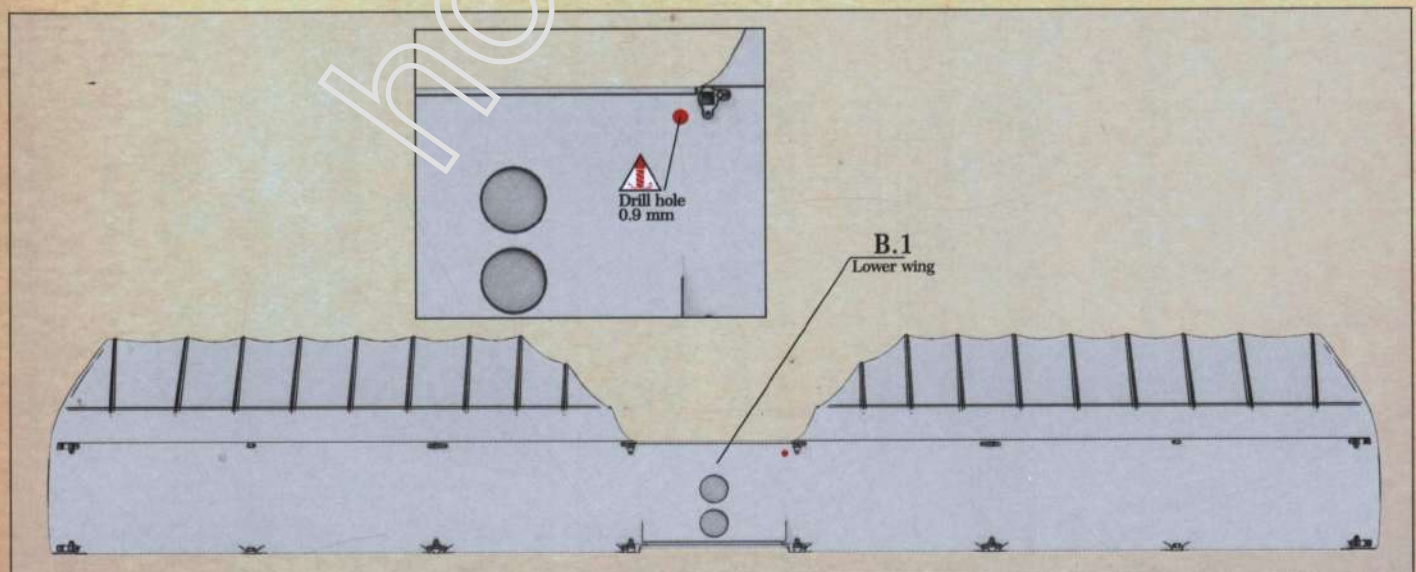
Step 23. Installing the top cowl. Additional cutout needed for radio-equipped version to install the outside spark-gap

Step 24. Only for radio-equipped version. Installing the spark-gap (one of two places possible) and the telegraph key

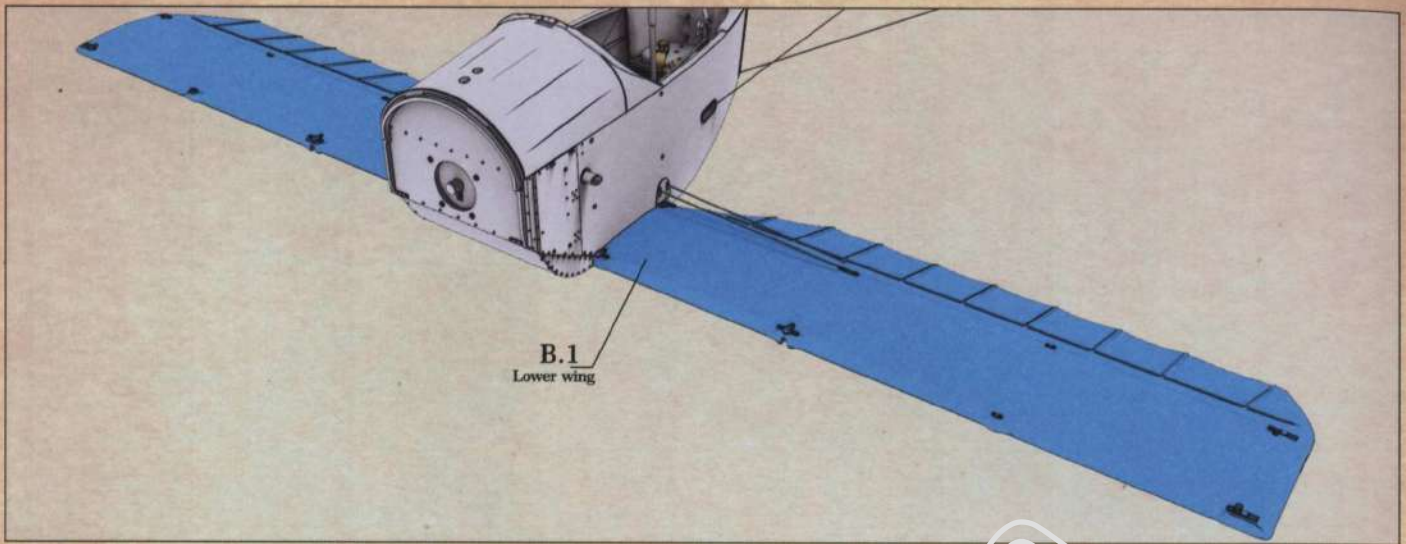


Step 25. Remove the rear bottom fuselage cover piece for bomb-equipped version ONLY

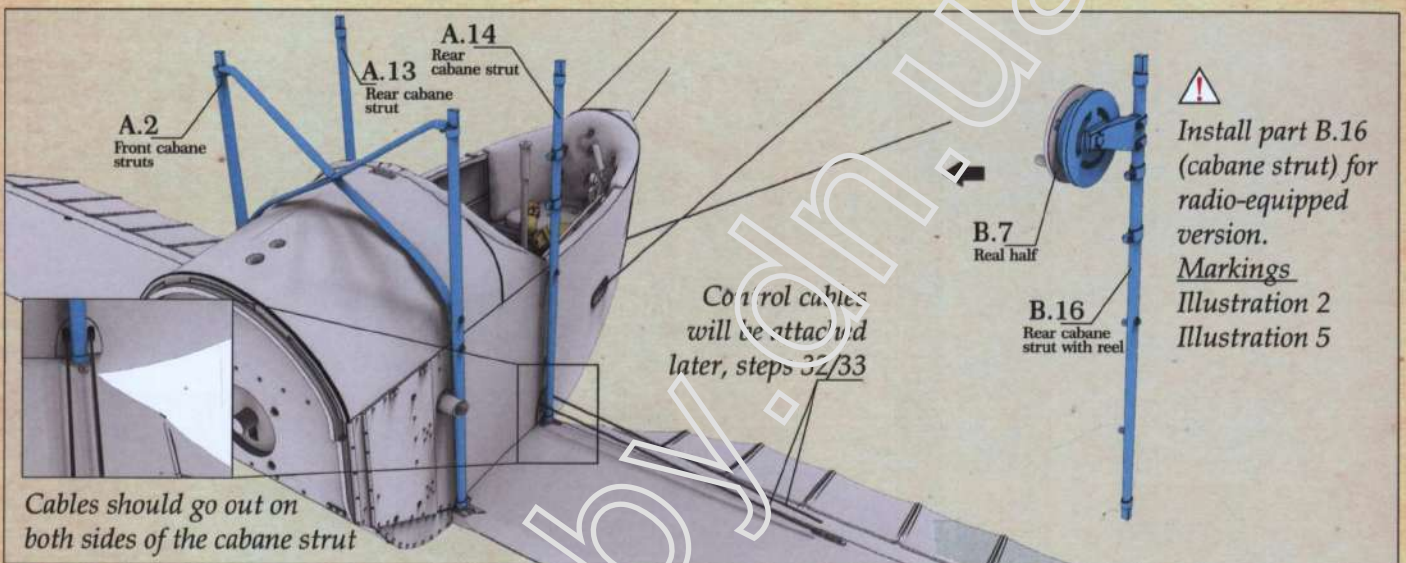
Step 26. Installing the lower cover parts of the fuselage



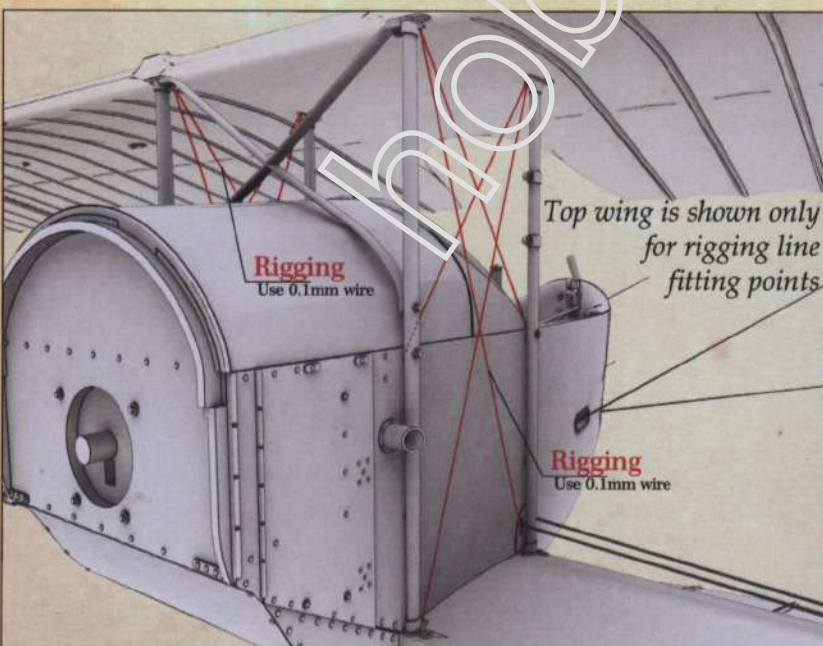
Step 27. Drilling a hole to fit the antenna tube, ONLY for radio-equipped version



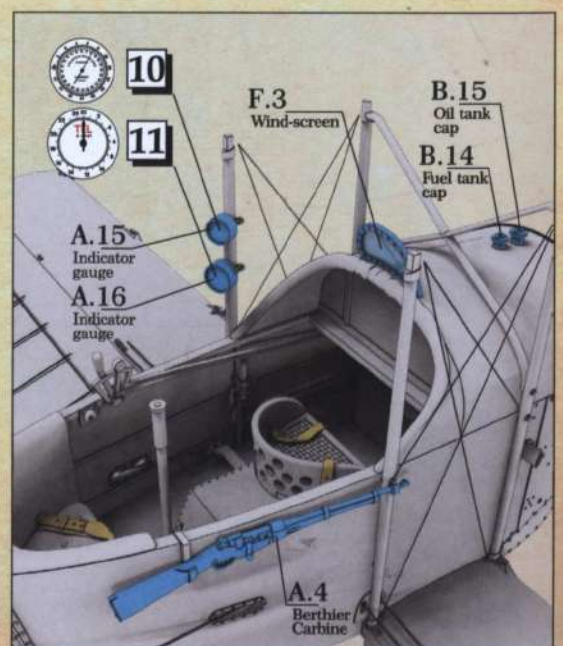
Step 28. Assembling the lower wing and fuselage



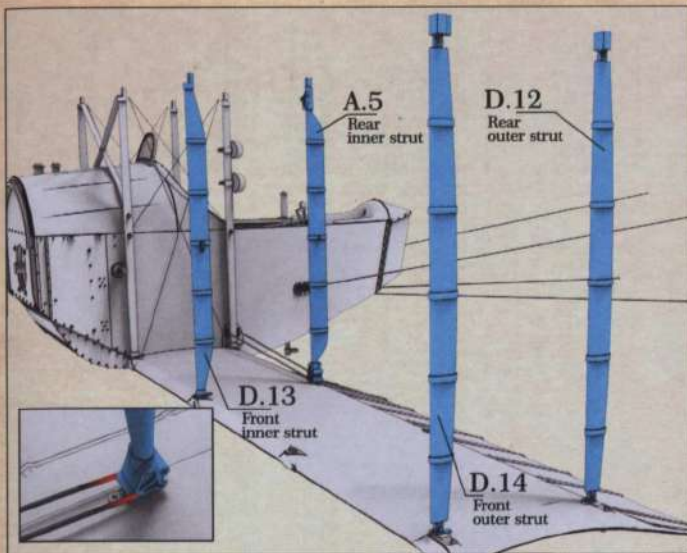
Step 29. Installing the cabane struts



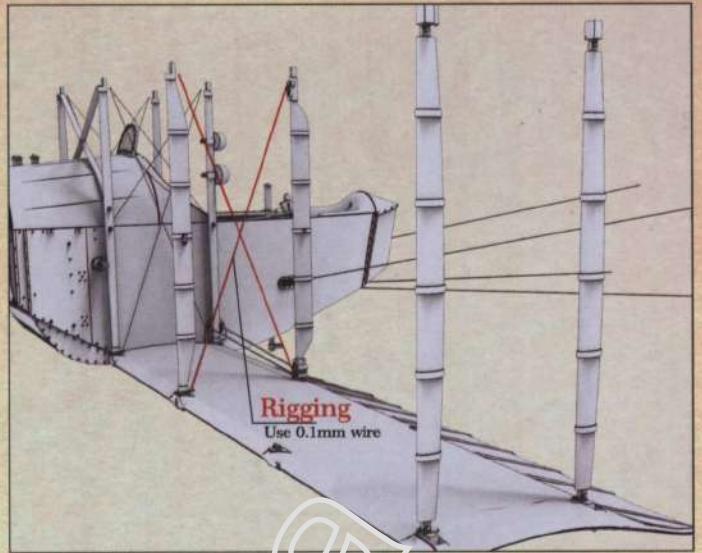
Step 30. Adding the rigging to the cabane struts



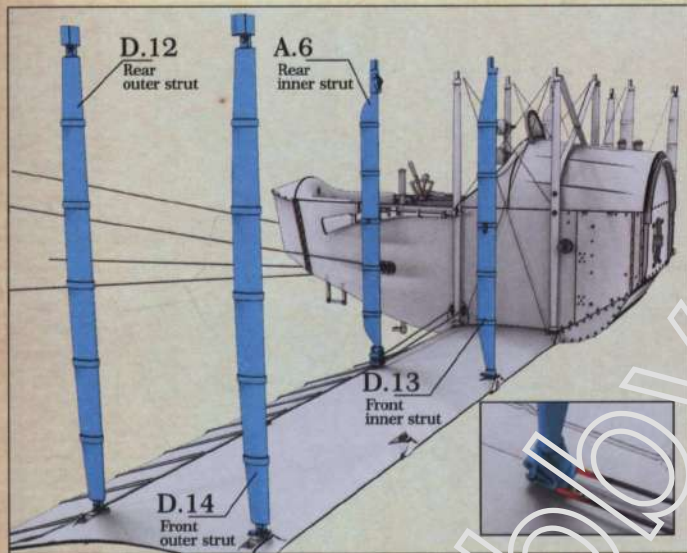
Step 31. Installing the indicator gauges, windscreen, Berthier Carbine and the fuel/oil tank caps



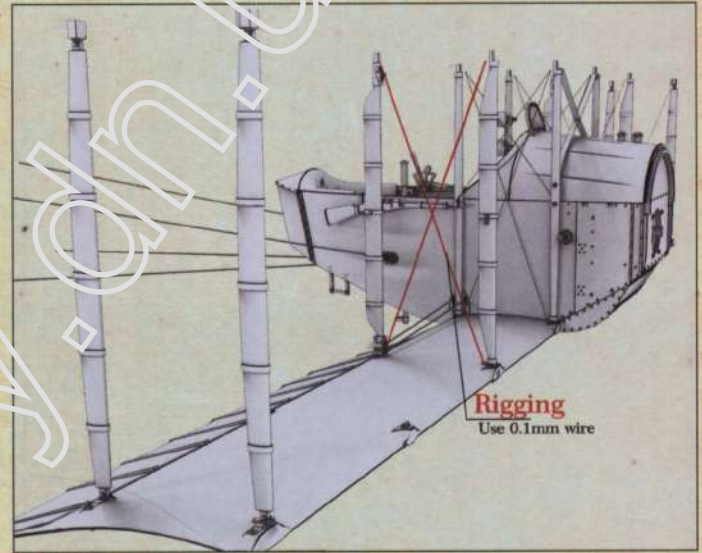
Step 32. Installing the port wing struts, connect the control cables to A5



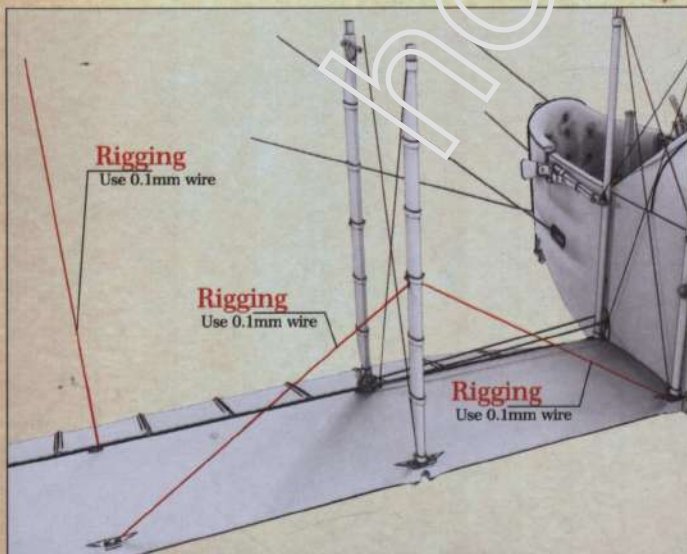
Step 33. Installing the cross-bracing wires



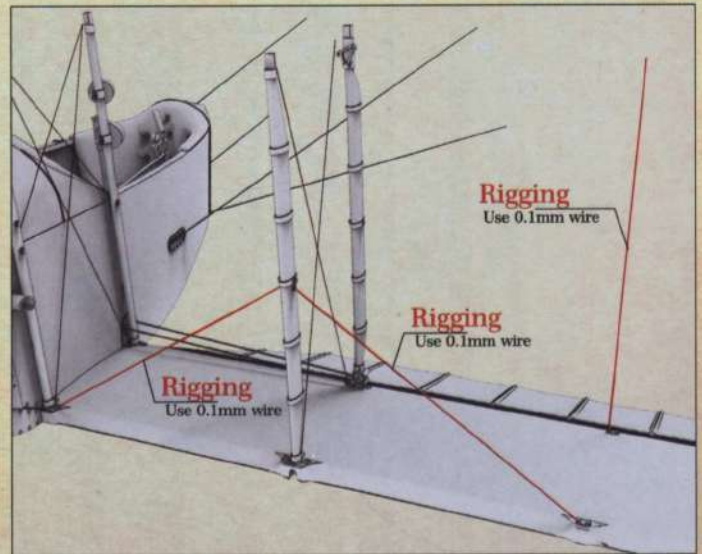
Step 34. Installing the starboard wing struts, connect the control cables to A6



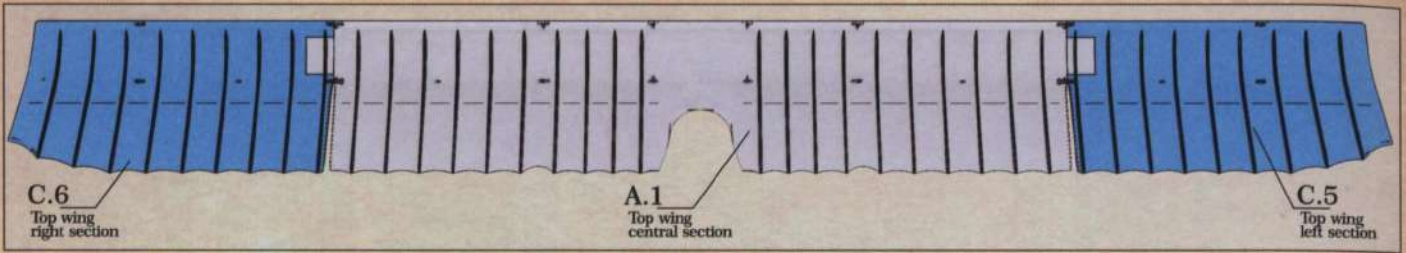
Step 35. Installing the cross-bracing wires



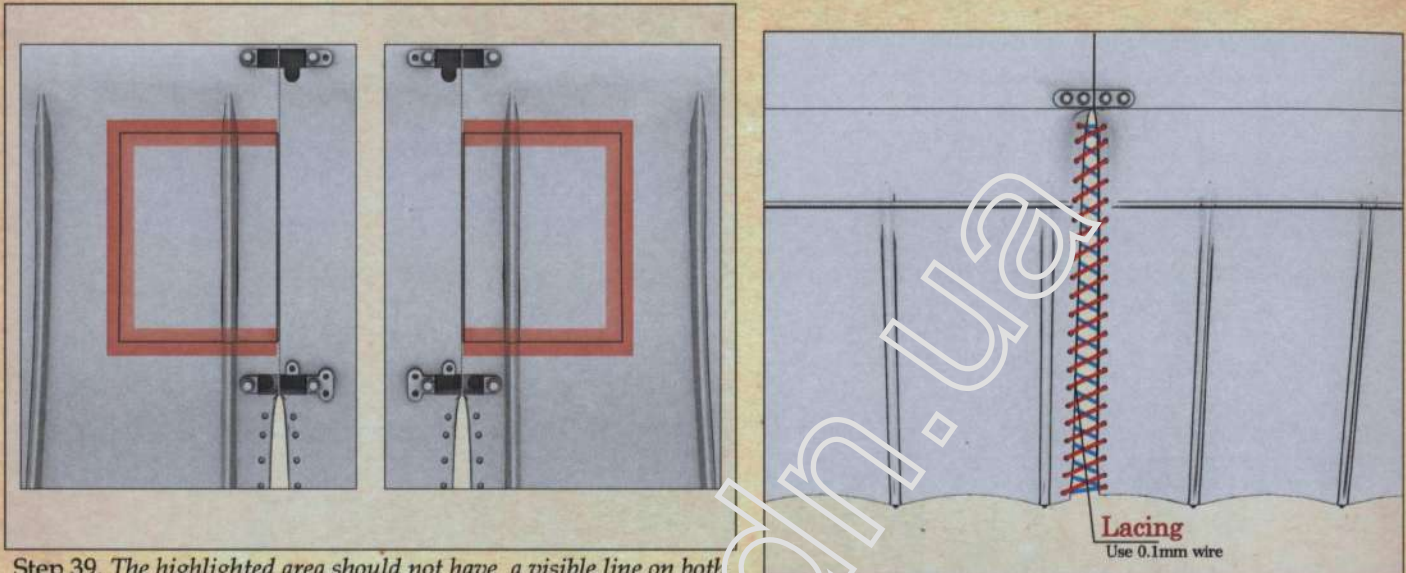
Step 36. Adding the starboard bracing wires



Step 37. Adding the port bracing wires

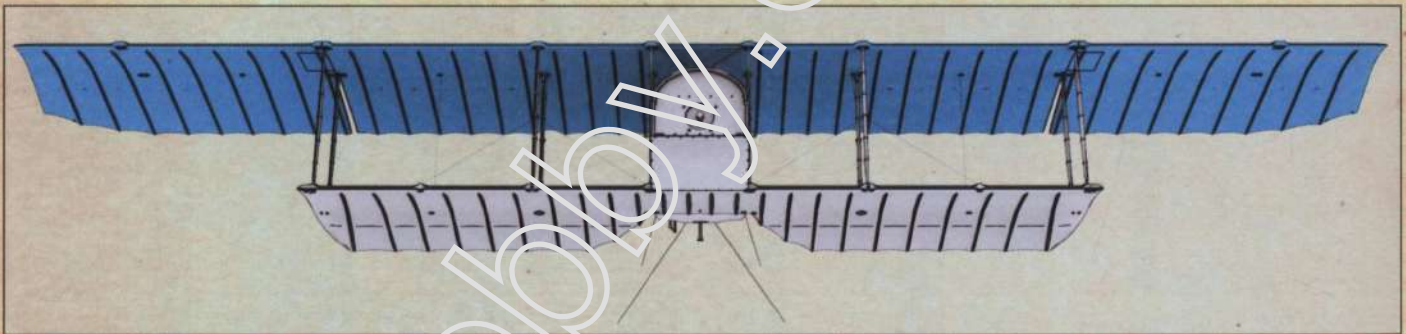


Step 38. Assembling the upper wing (viewing the underside of the wing)

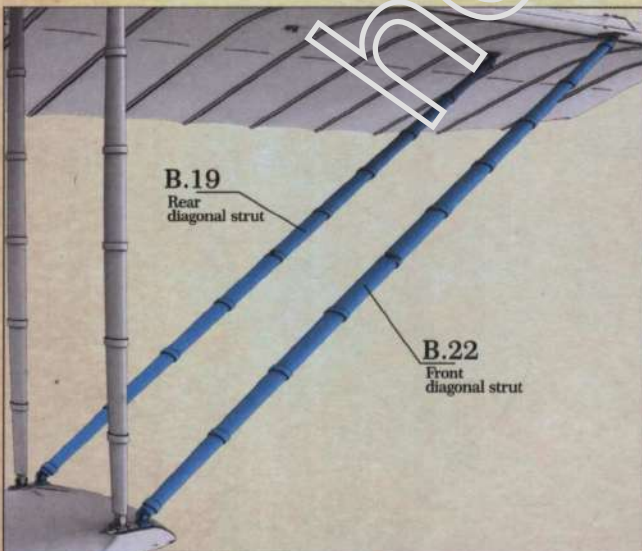


Step 39. The highlighted area should not have a visible line on both sections of the top wing

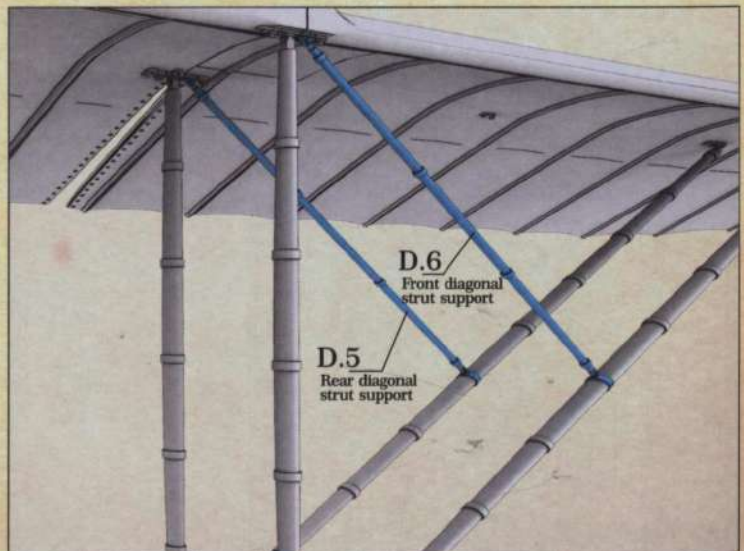
Step 40. Adding the lacing, both port and starboard sections



Step 41. Installing the upper wing



Step 42. Installing the port lift struts



Step 43. Installing the port jury struts



Step 44. Installing the starboard lift struts



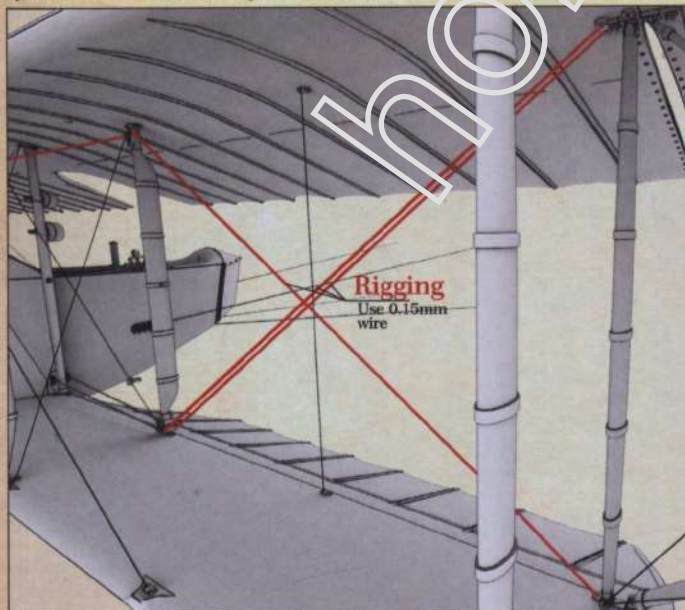
Step 45. Installing the starboard turn struts



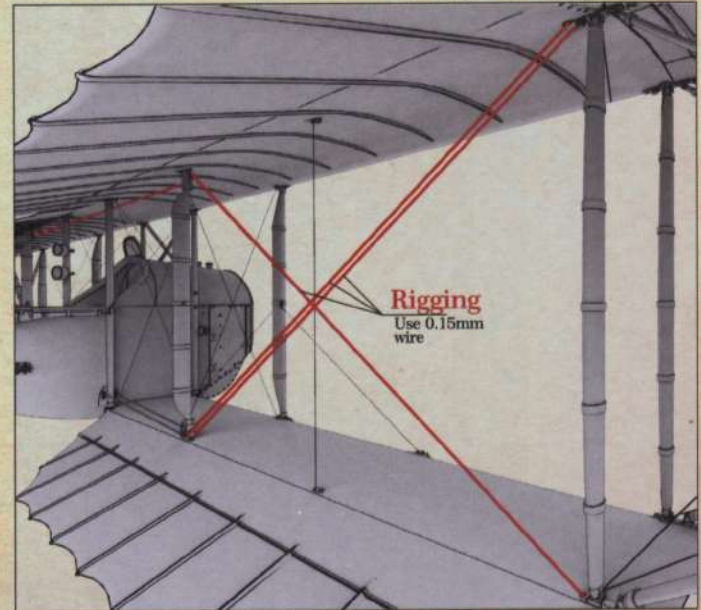
Step 46. Installing the starboard lift strut cross-bracings. These were found to be installed only on Caudron G.III from Le Bourget Museum



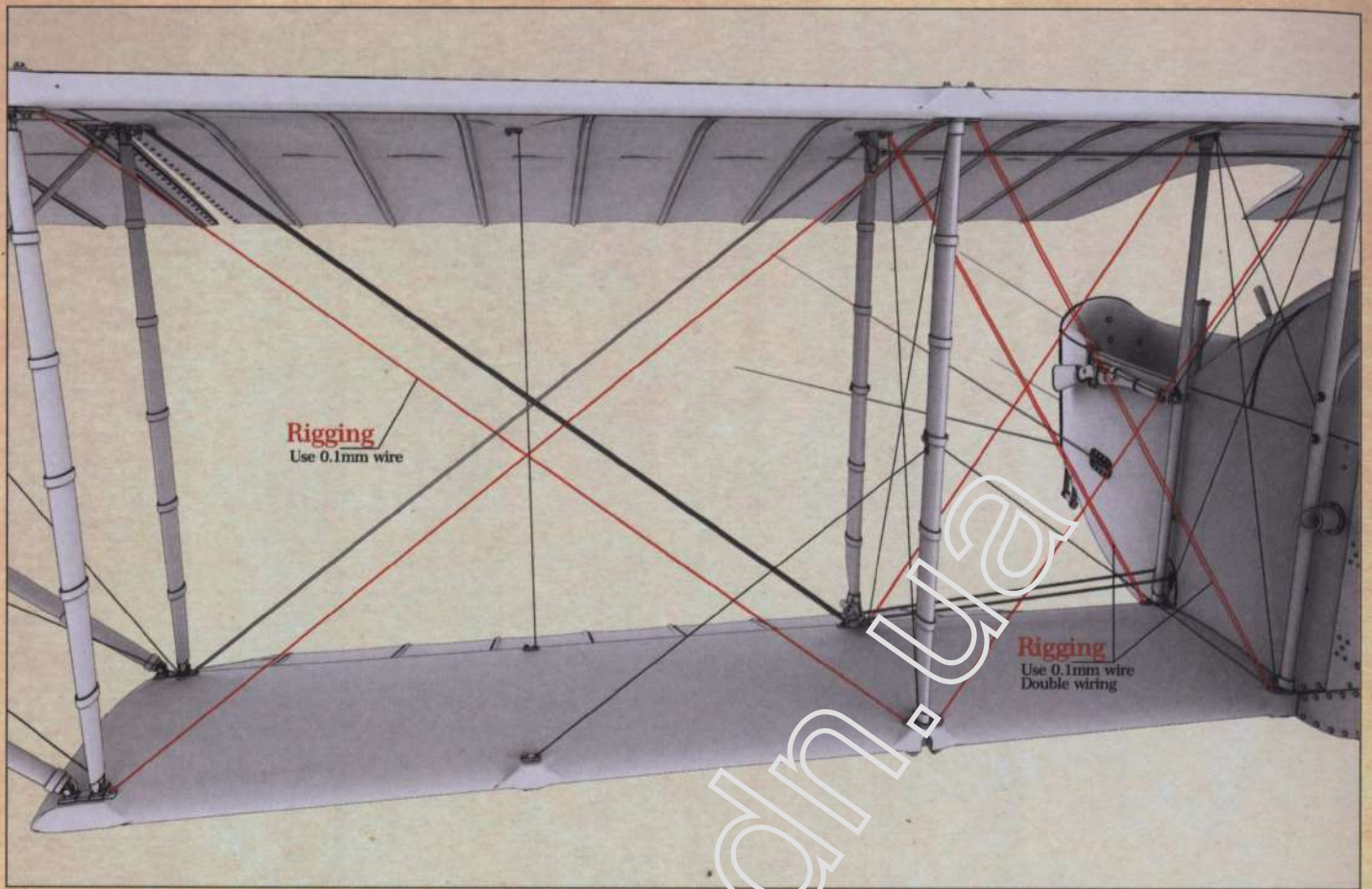
Step 47. Installing the port lift strut cross-bracings. These were found to be installed only on Caudron G.III from Le Bourget Museum



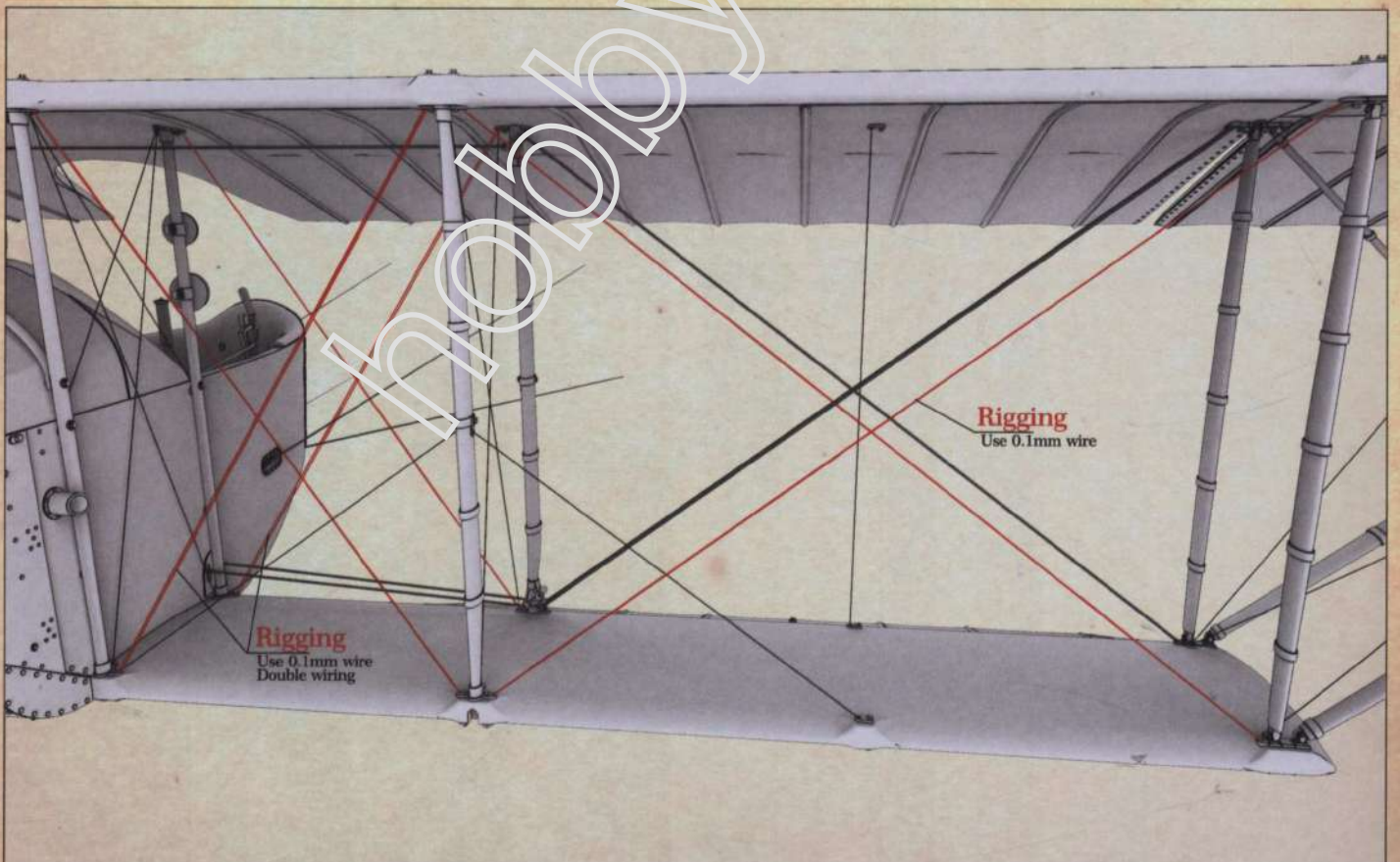
Step 48. Installing the port wing warping cable set



Step 49. Installing the starboard wing warping cable set

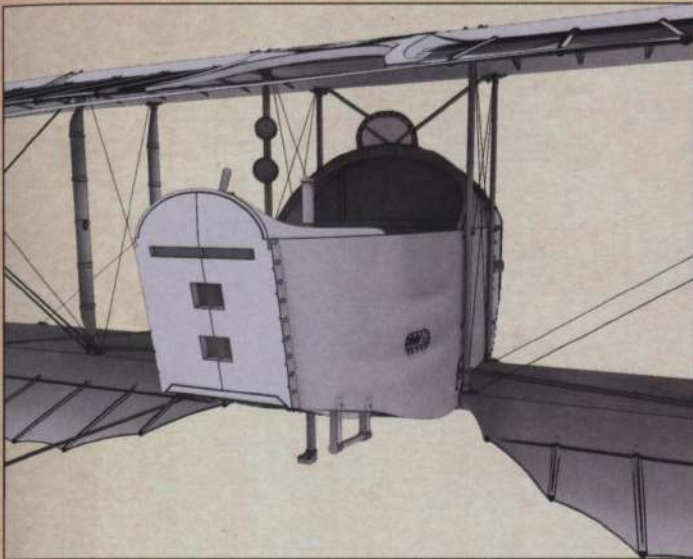


Step 50. Installing the port front flying and landing wires

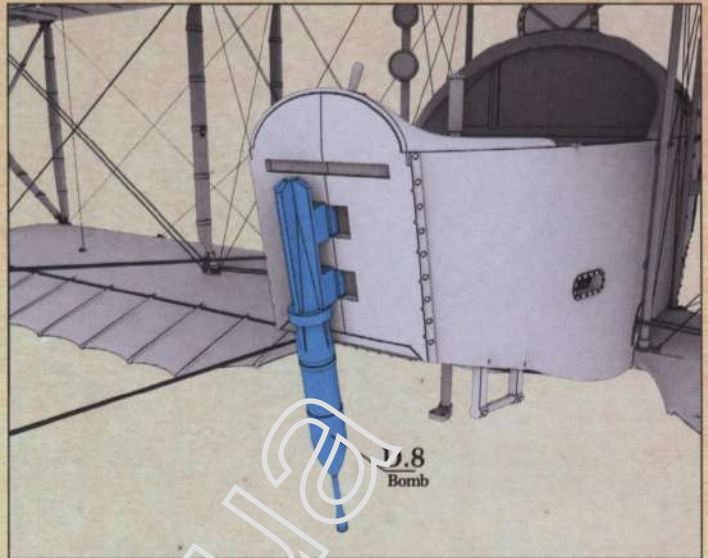


Step 51. Installing the starboard front flying and landing wires

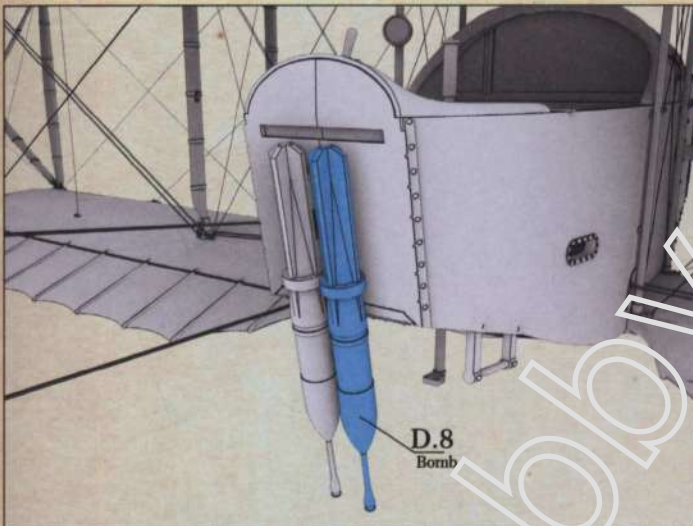
BOMB-EQUIPPED VERSION



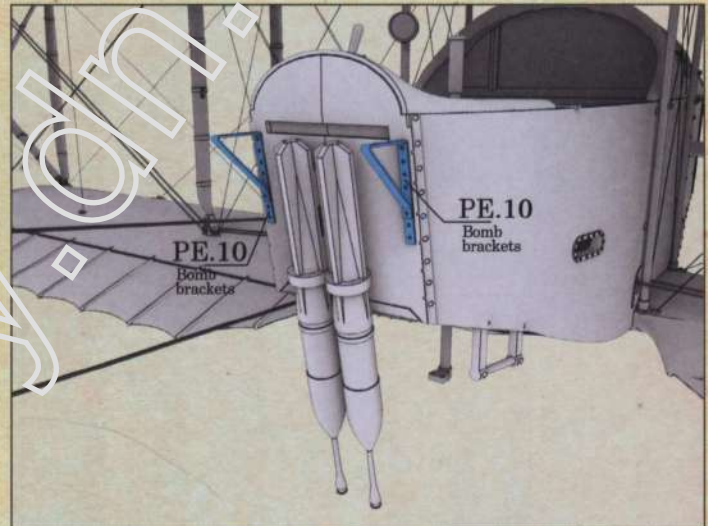
Step 52. This is how the aft of the fuselage should look, please check before proceeding to the next step



Step 53. Installing the first of two 90mm aerial bombs



Step 54. Installing the second bomb



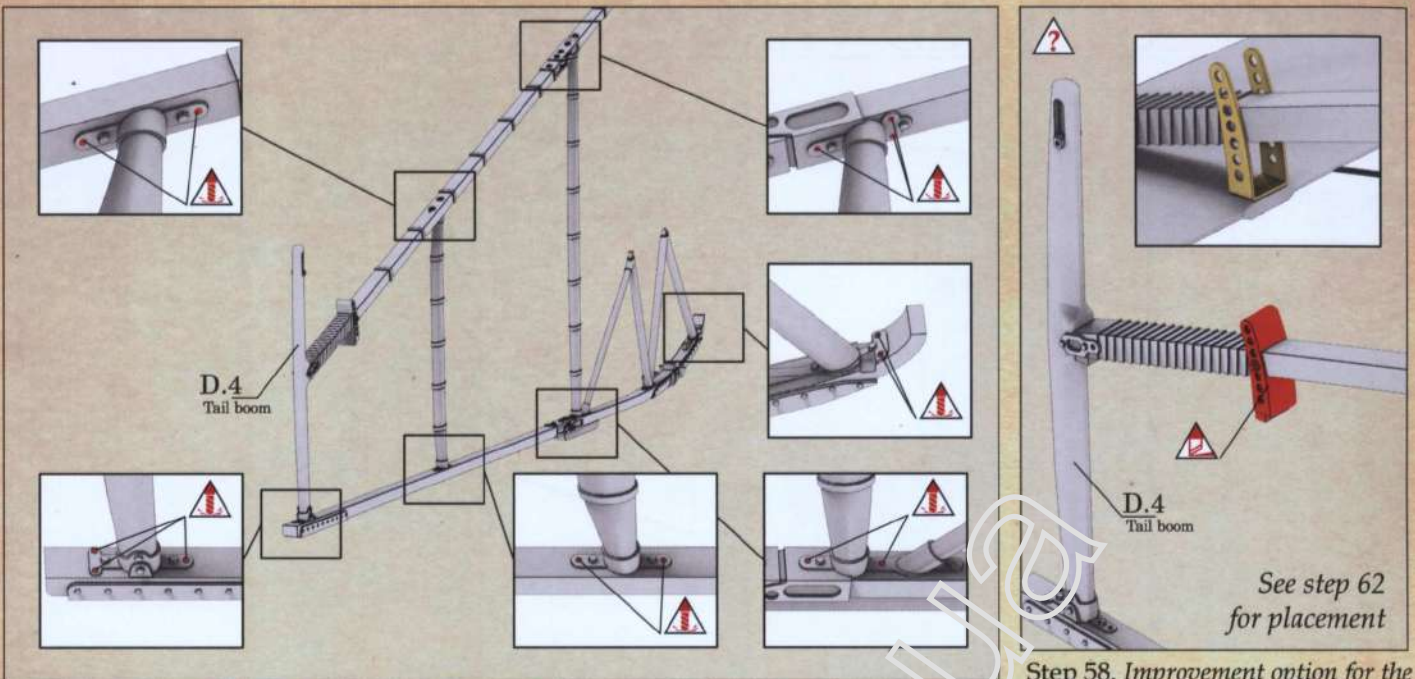
Step 55. Installing the metal mounts



Step 56. Installing the wooden frame

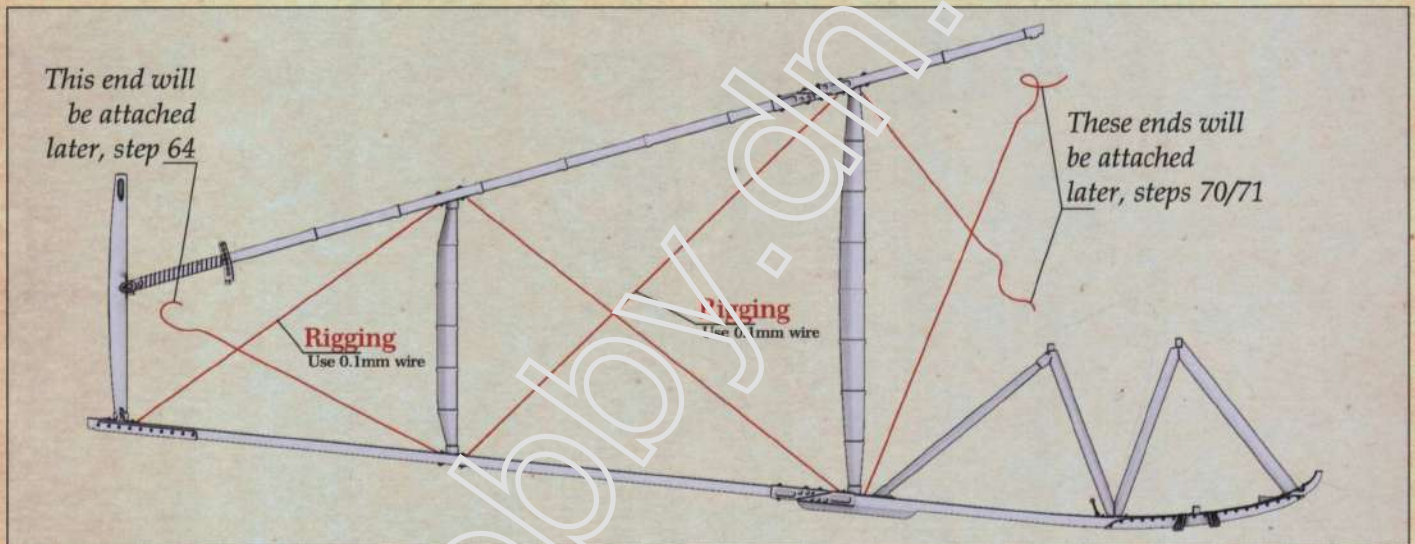


Fig. 8. Painting guide for the bomb set

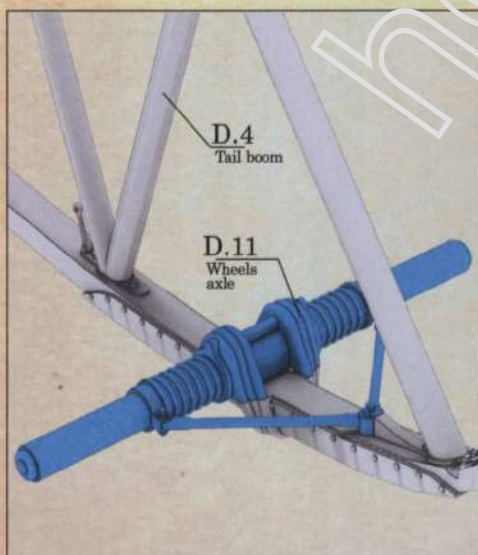


Step 57. Preparing the tail booms for the rigging

Step 58. Improvement option for the horizontal stabilizer brackets



Step 59. Adding rigging to the tail booms



Step 60. Installing the wheel axle

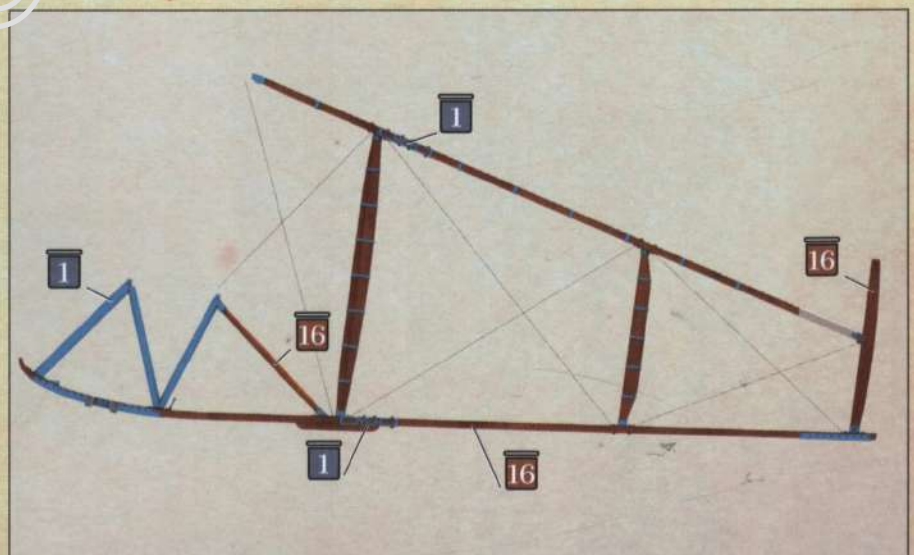
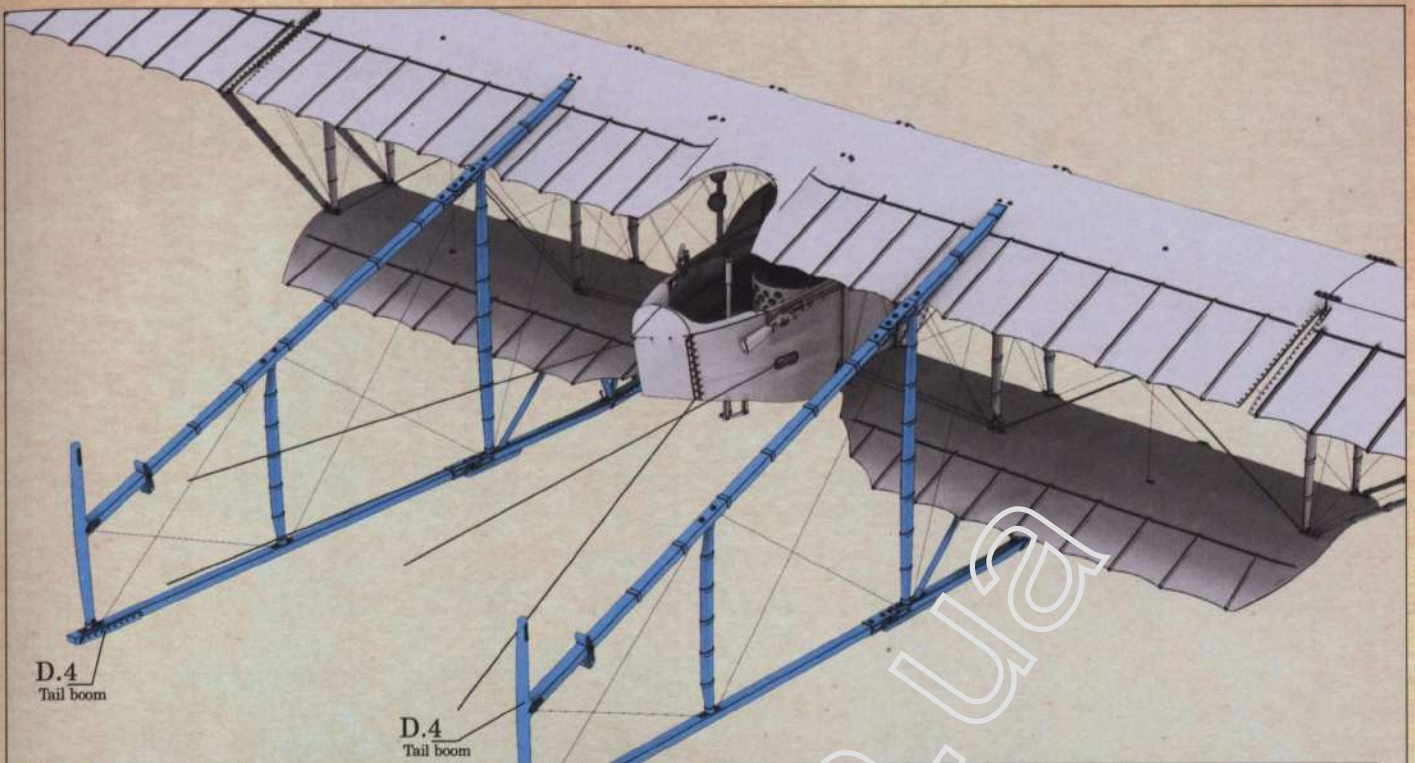
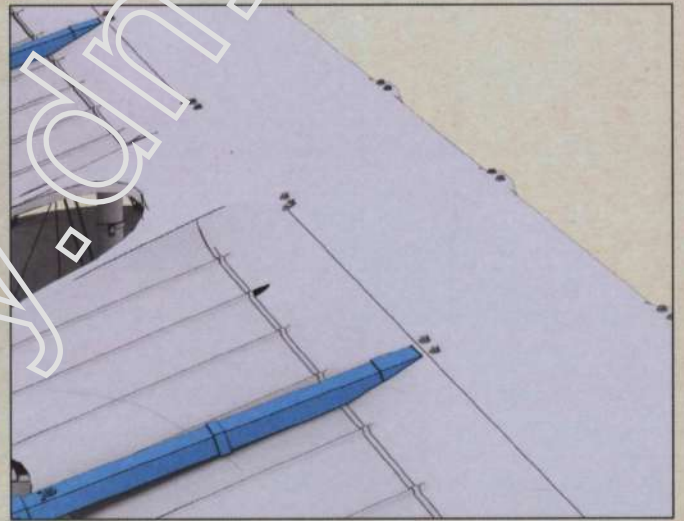


Fig. 9. Painting guide for the tail boom

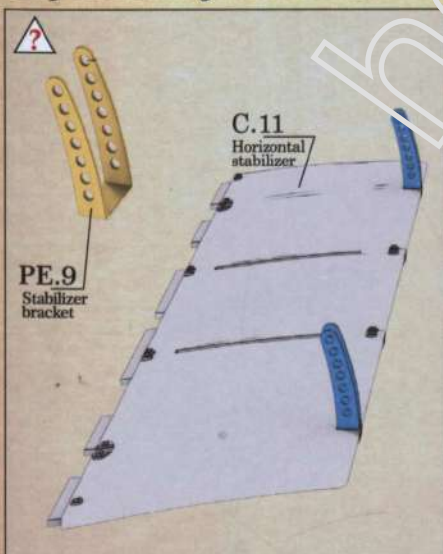


D.4
Tail boom

D.4
Tail boom



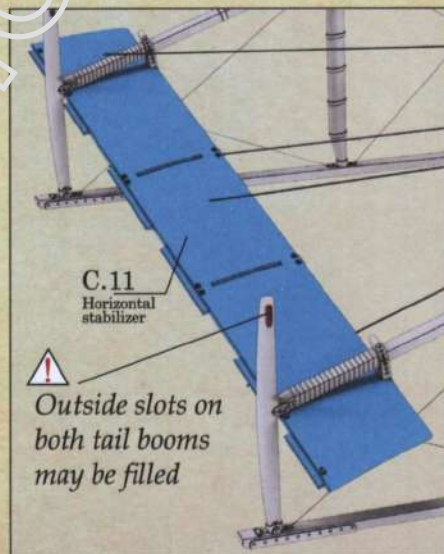
Step 61. Installing the tail booms



PE.9
Stabilizer
bracket

C.11
Horizontal
stabilizer

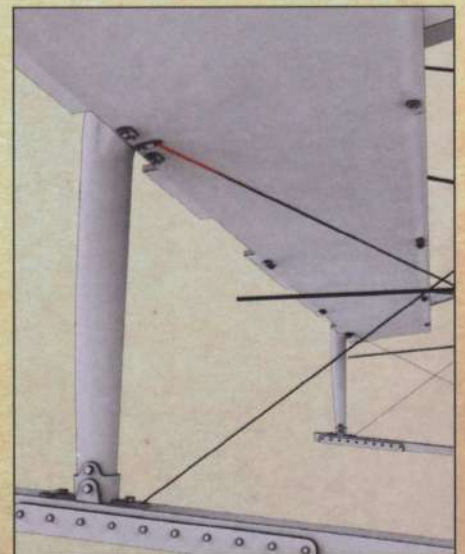
Step 62. Installing the PE brackets, only if step 58 was accomplished



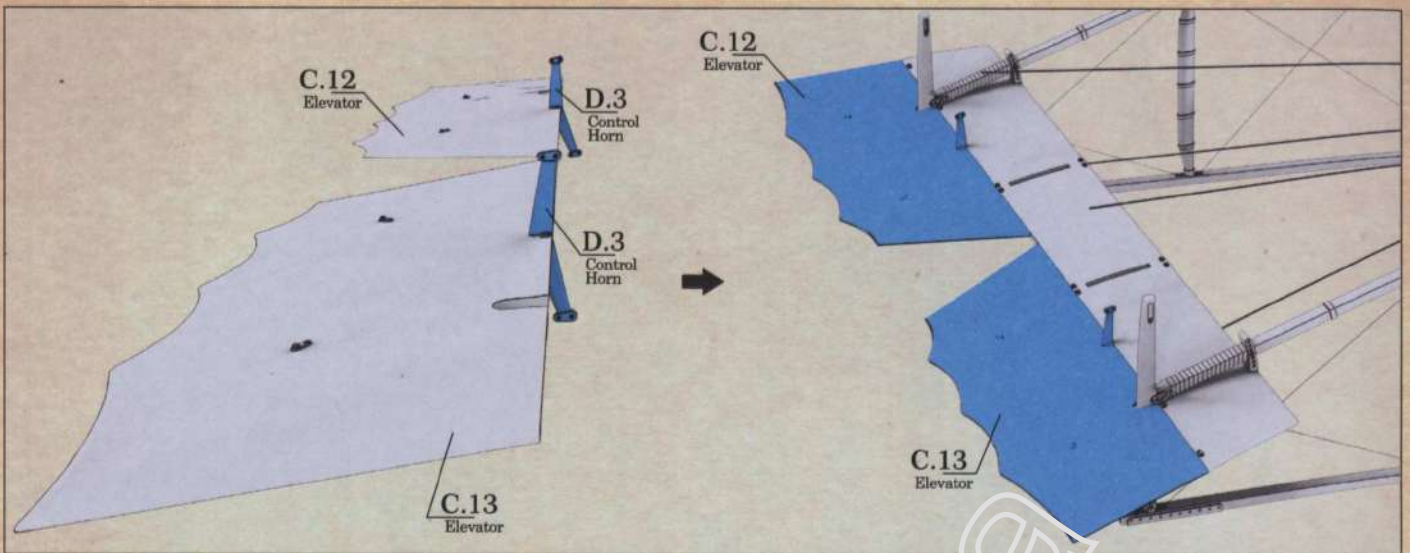
C.11
Horizontal
stabilizer

⚠
Outside slots on
both tail booms
may be filled

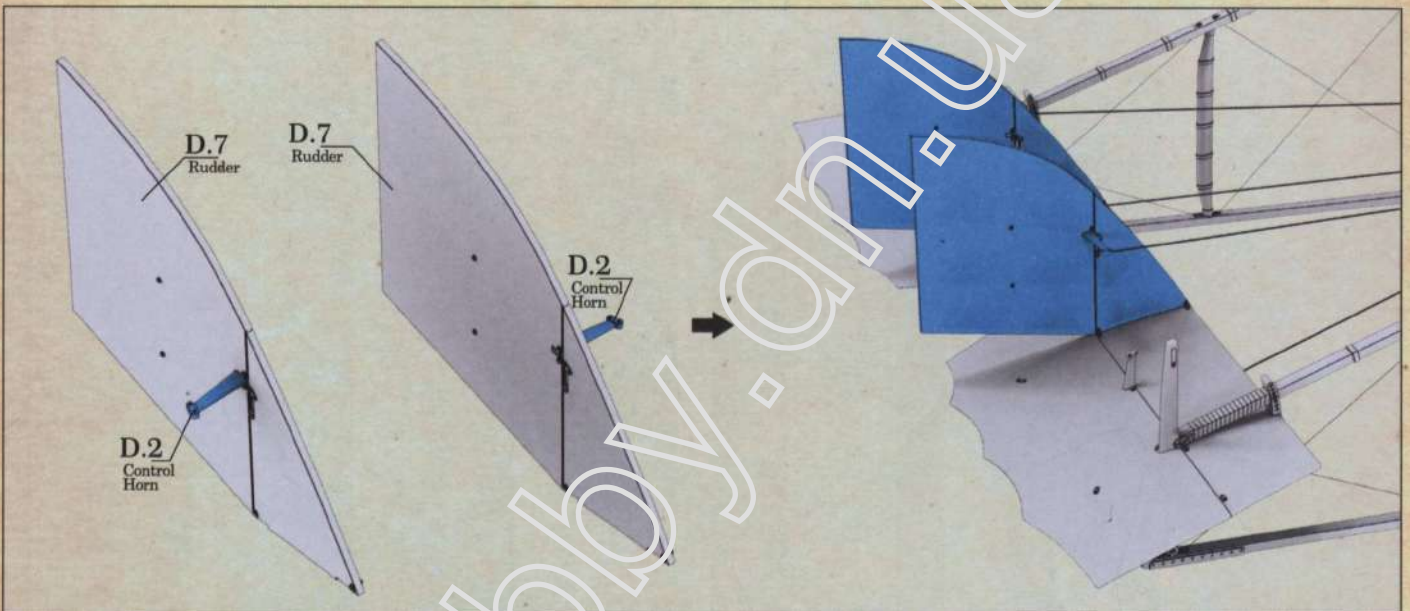
Step 63. Installing the horizontal stabilizer



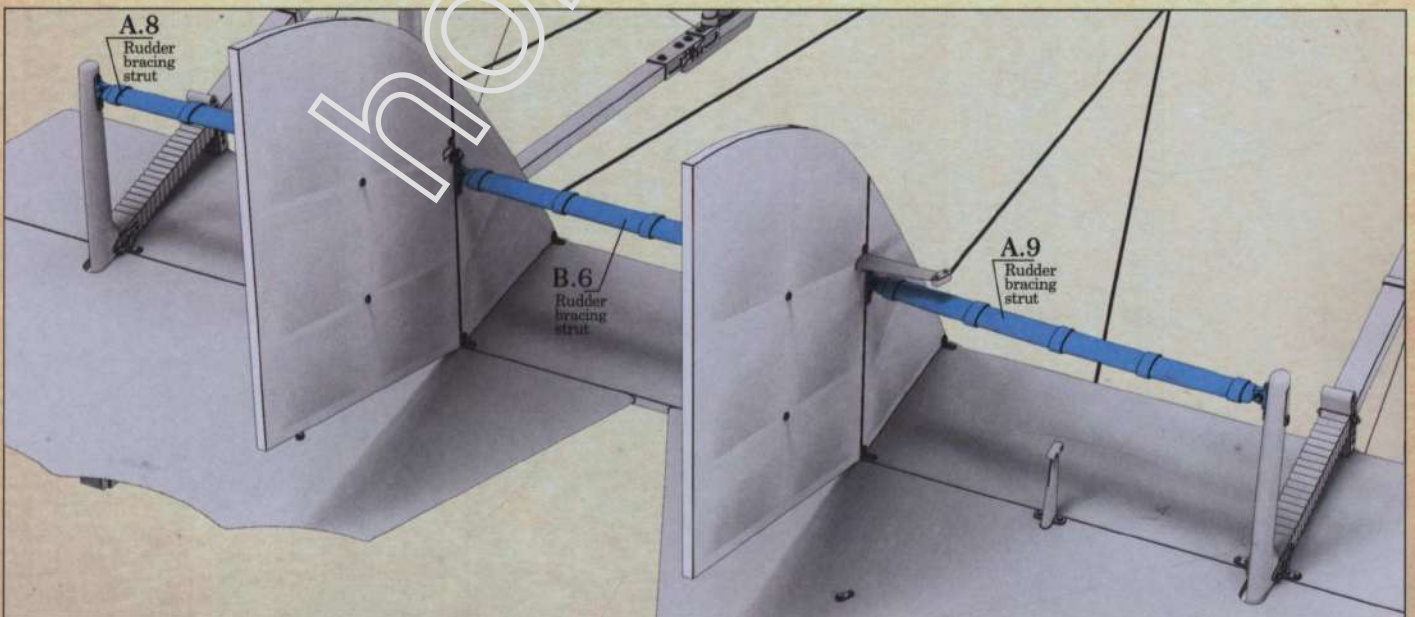
Step 64. Attaching the cross-wire end to the stabilizer



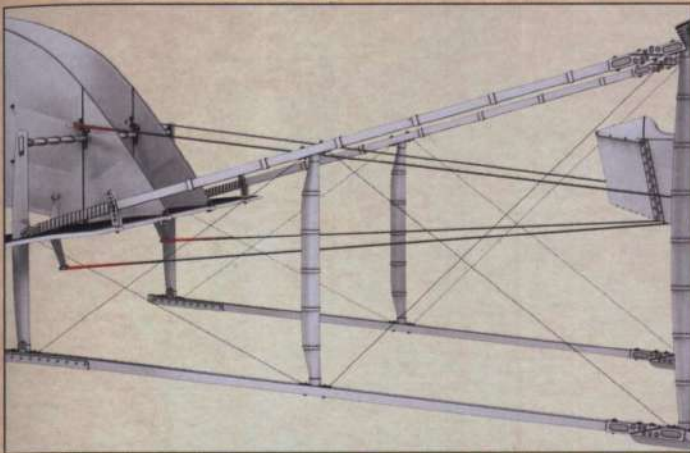
Step 65. Assembling and installing both elevators



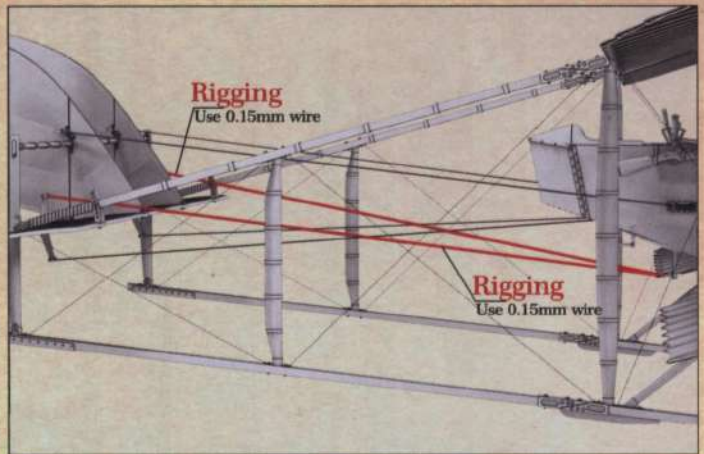
Step 66. Assembling and installing the rudders



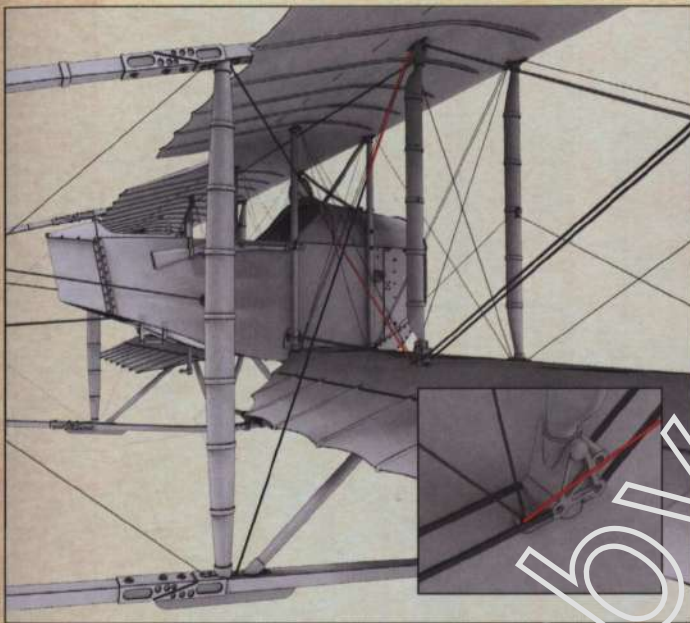
Step 67. Installing the rudders' bracing struts



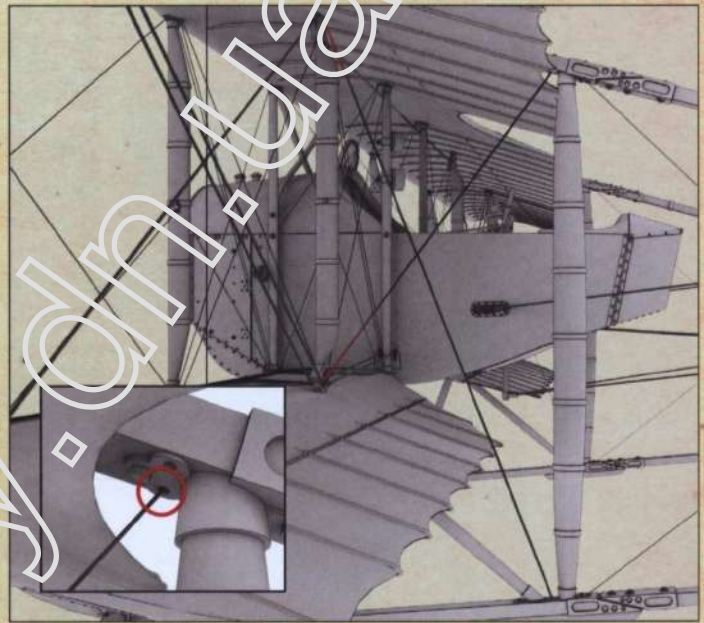
Step 68. Attaching the control cables` (other ends were added to the rudder bar and control column) ends to the control horns.



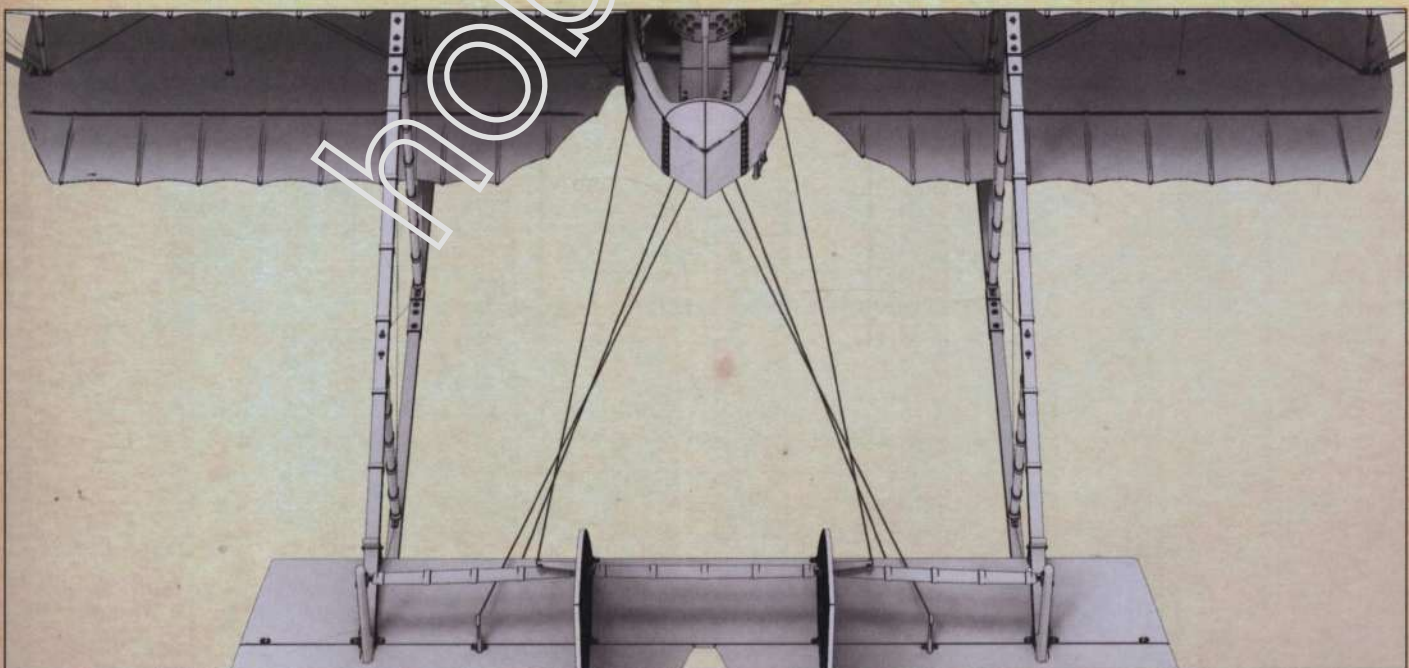
Step 69. Adding the control cable from the lower end of the control column to the elevator`s control horns



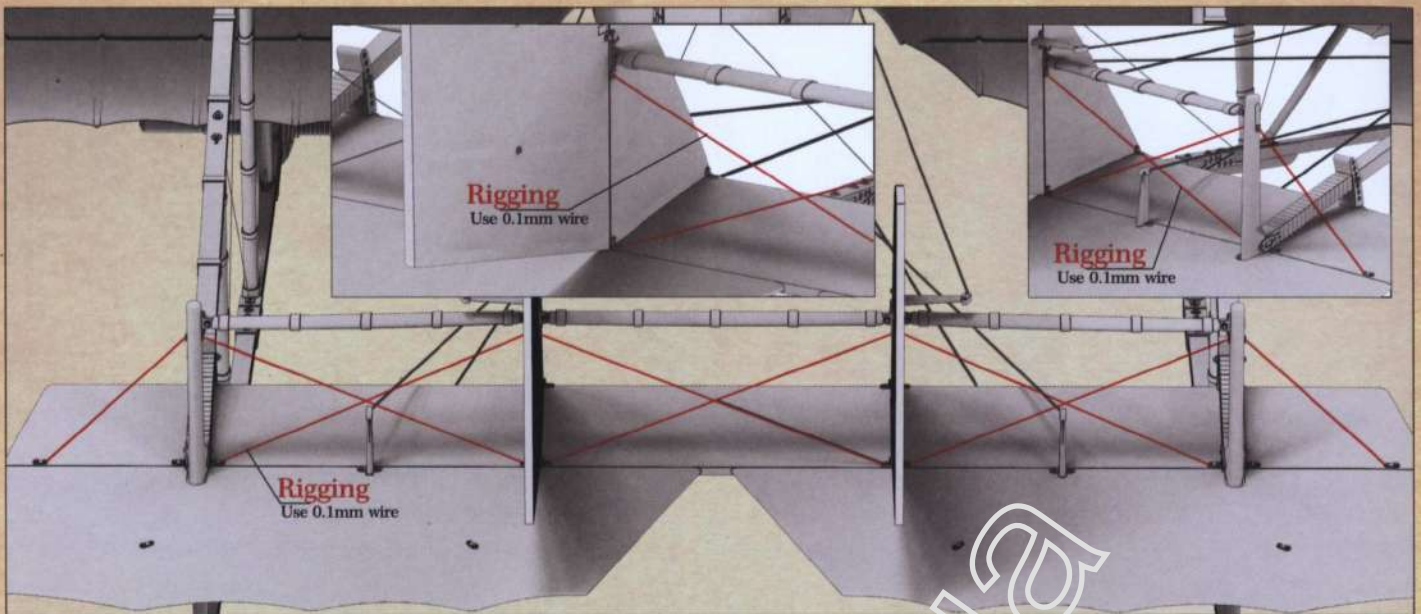
Step 70. Attaching the bracing wire`s end of the tail boom to the top and lower wing starboard side



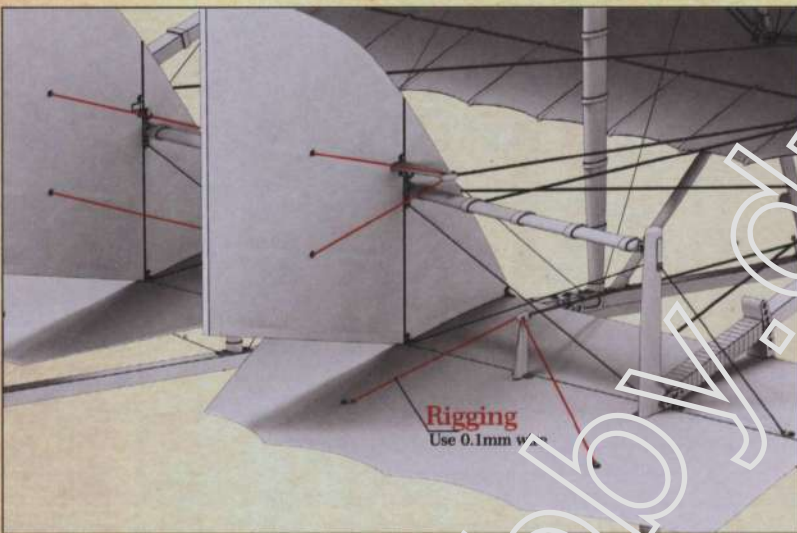
Step 71. Attaching the bracing wire`s end of the tail boom to the top and lower wing port side



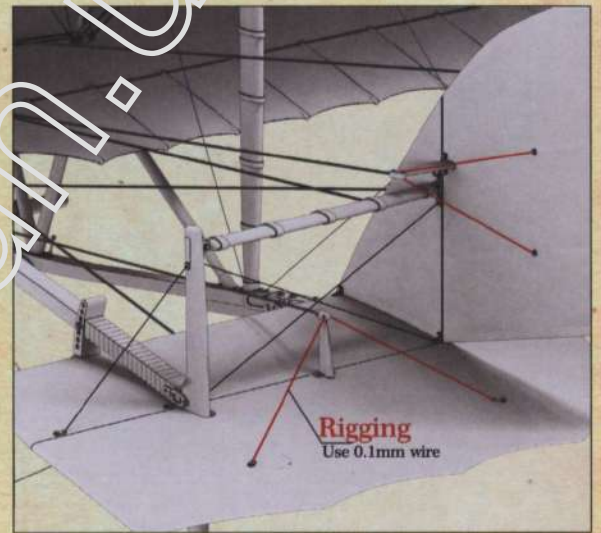
Step 72. Checking the control cables installation accordingly



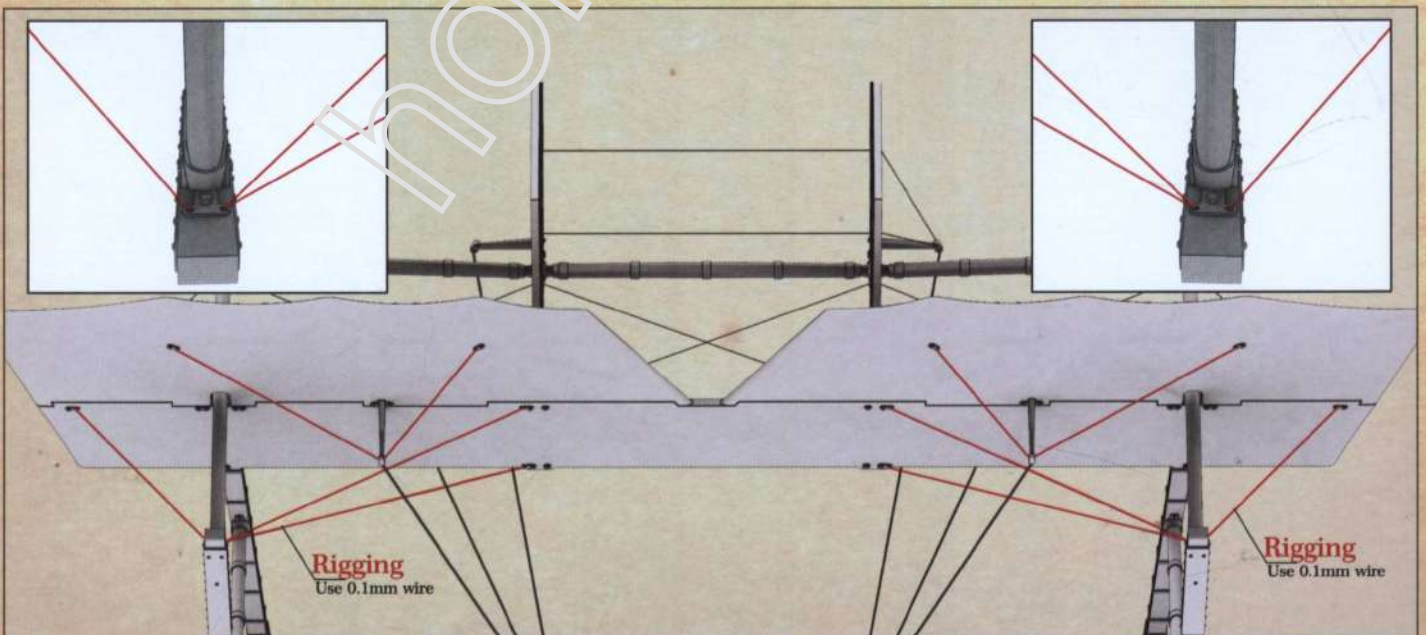
Step 73. Adding the cross-bracing wires in the tailplane bays



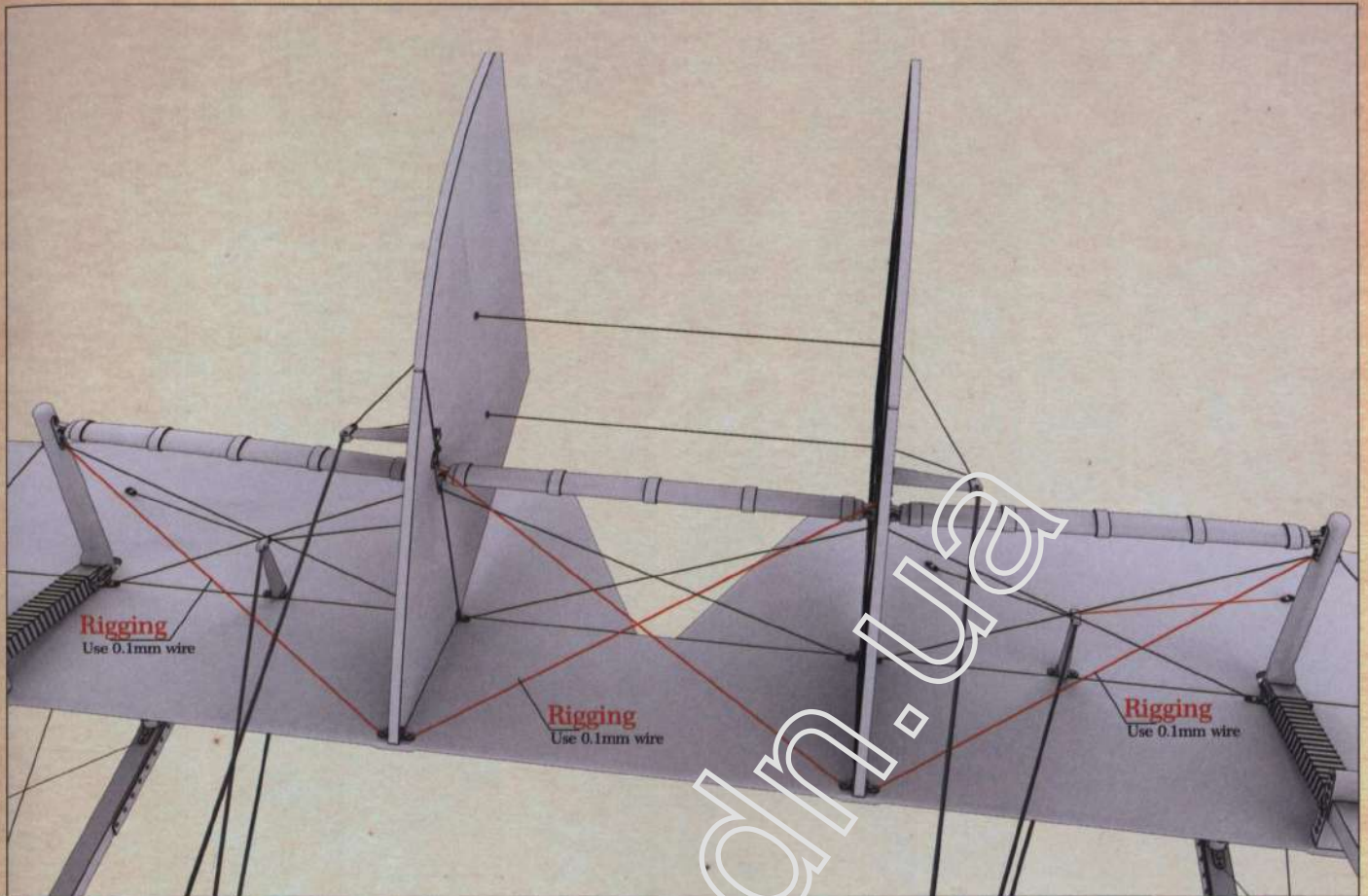
Step 74. Adding the cables from the control horns to the control surfaces, starboard and centre



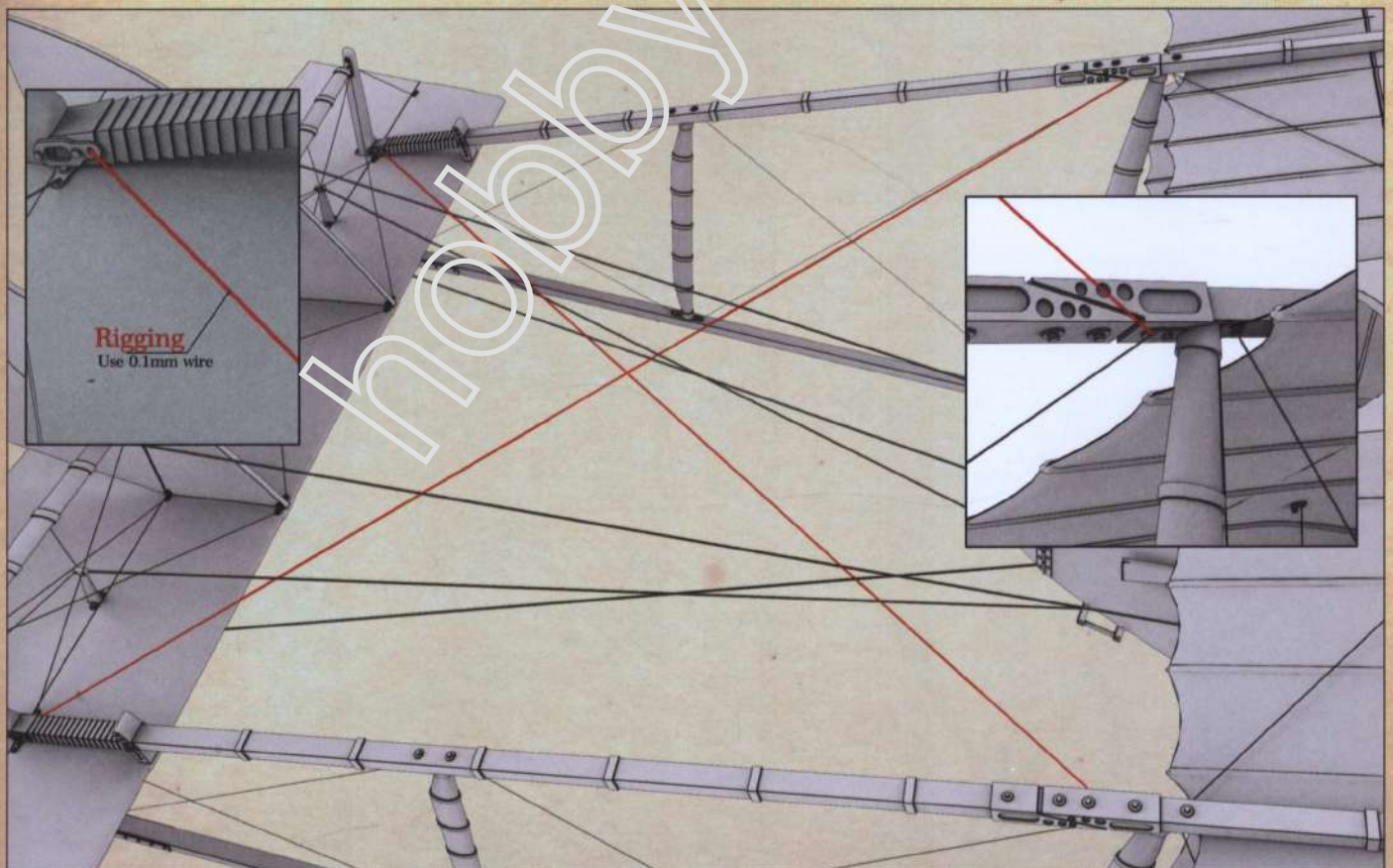
Step 75. Adding the cables from the control horns to the control surfaces, port



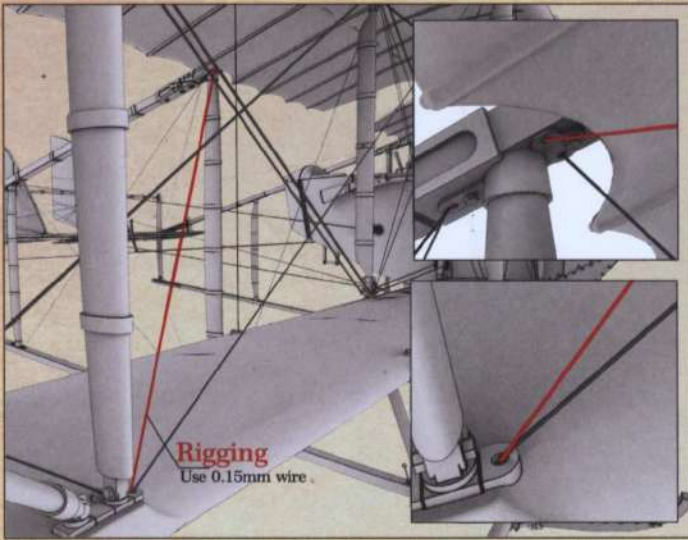
Step 76. Adding bracing wires on the bottom side of the tailplane



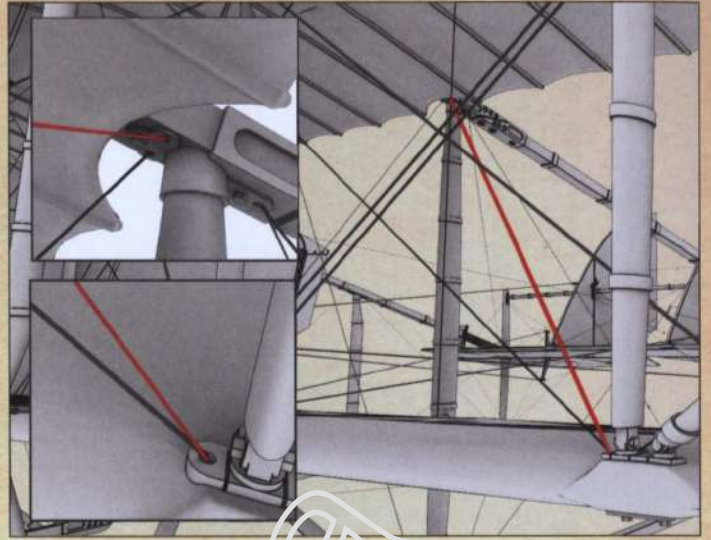
Step 77. Adding the set of cross-bracing wires



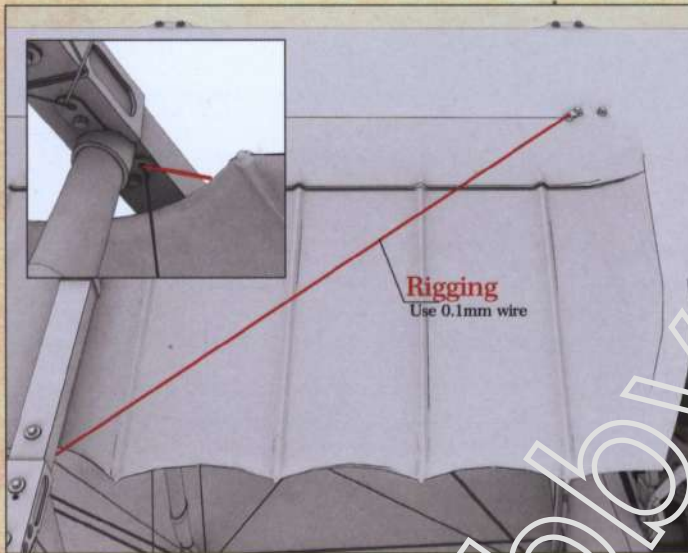
Step 78. Adding the cross-bracing wires between the tail booms



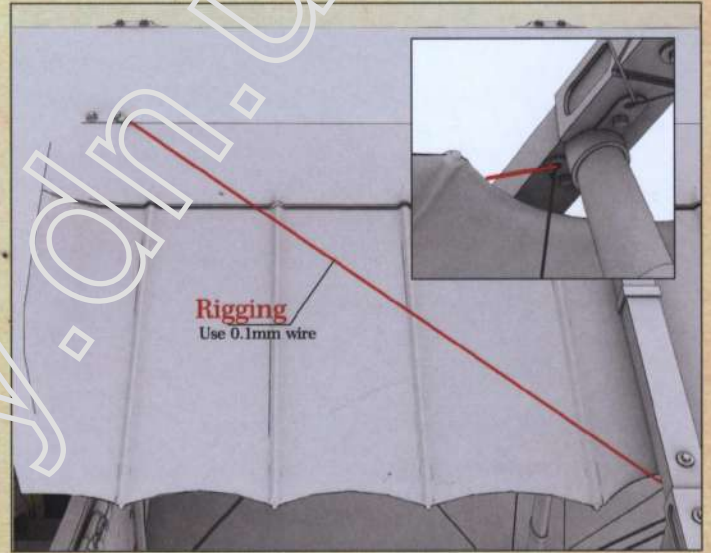
Step 79. Adding the bracing wire from the starboard tail boom to the lower wing



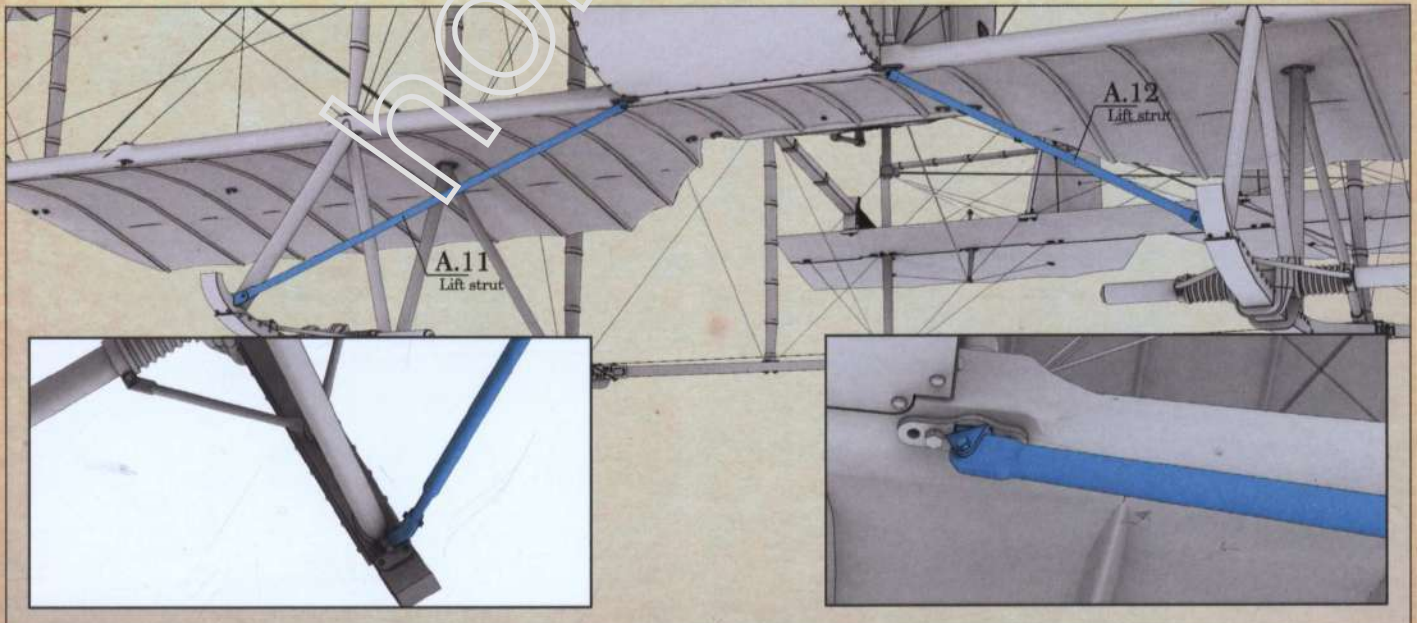
Step 80. Adding the bracing wire from the port tail boom to the lower wing



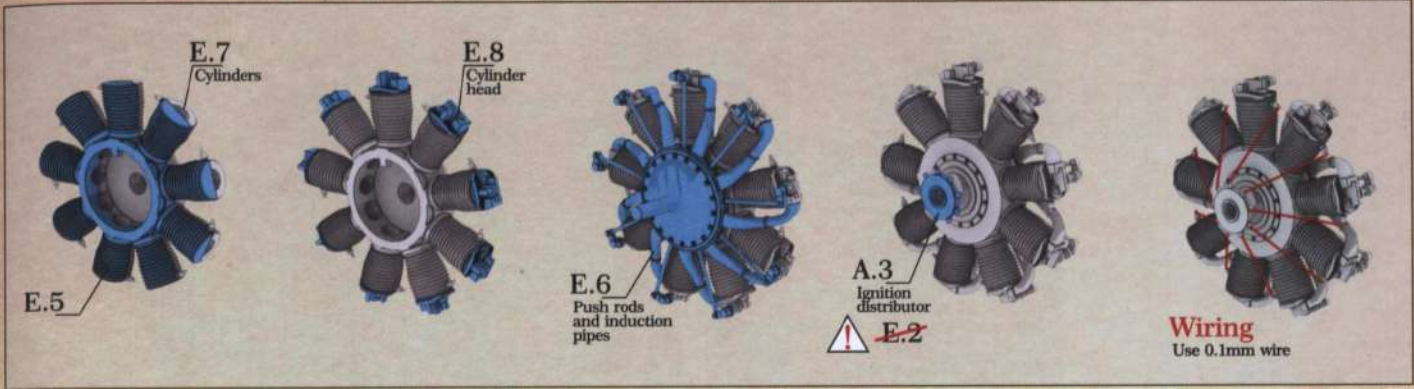
Step 81. Adding the bracing wire from port tail boom to the top wing



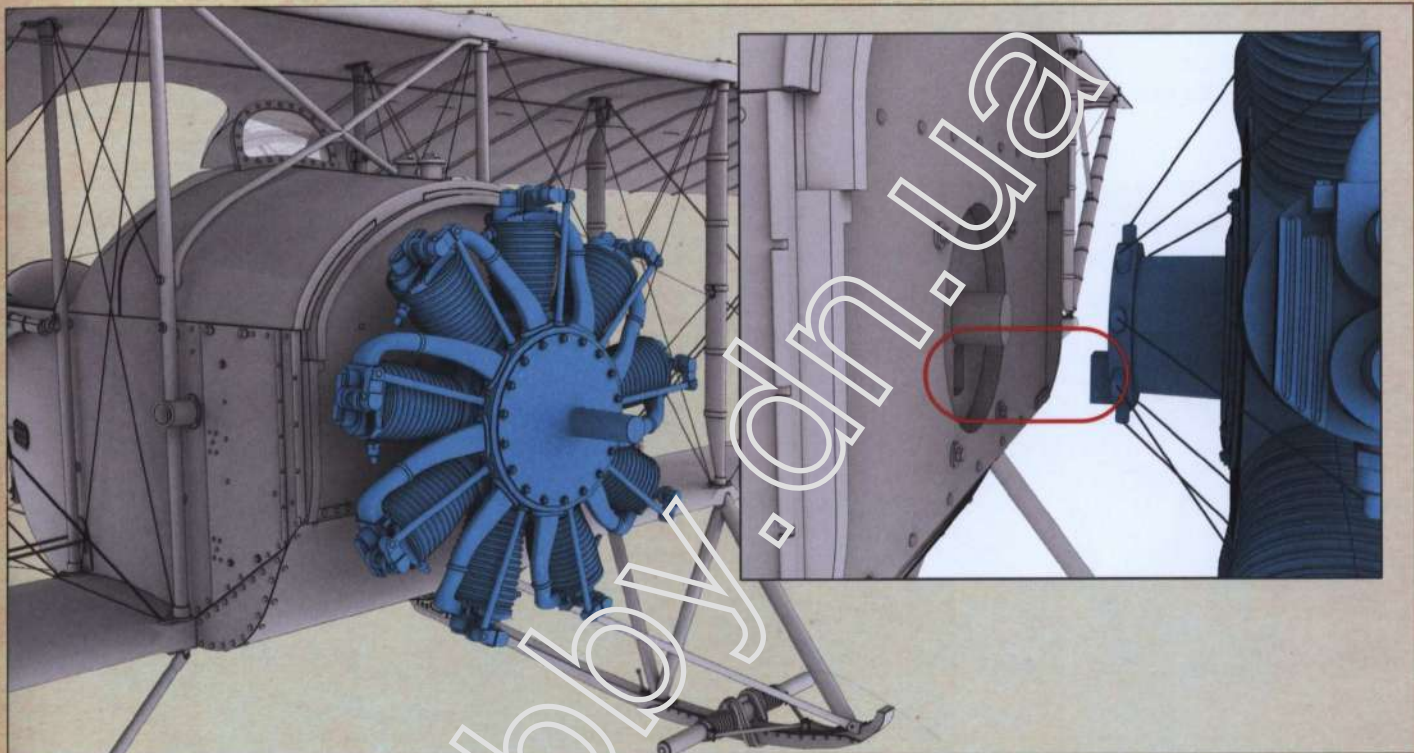
Step 82. Adding the bracing wire line from starboard tail boom to the top wing



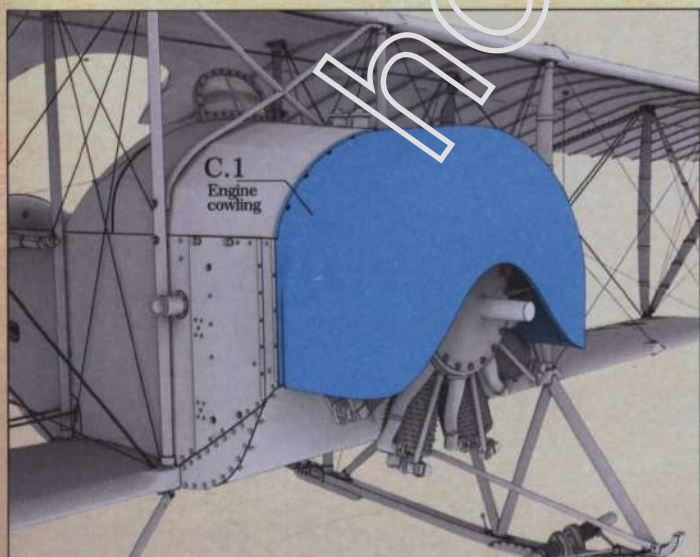
Step 83. Installing the lift struts on both tail booms



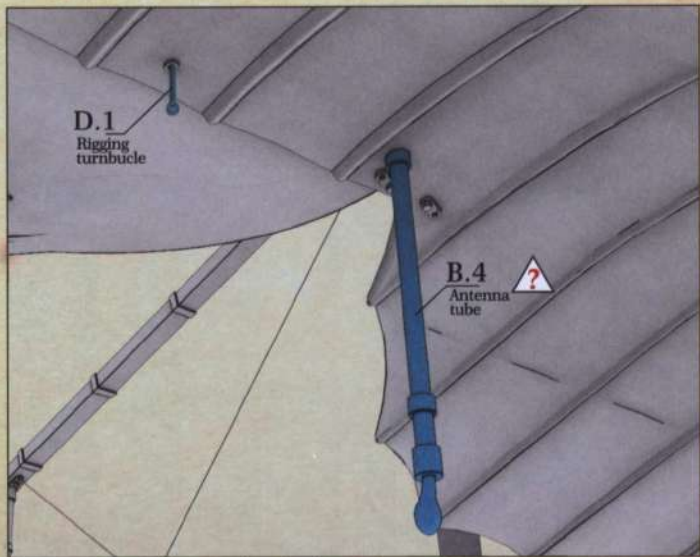
Step 84. Assembling the Le Rhone 9C 80 hp aero engine



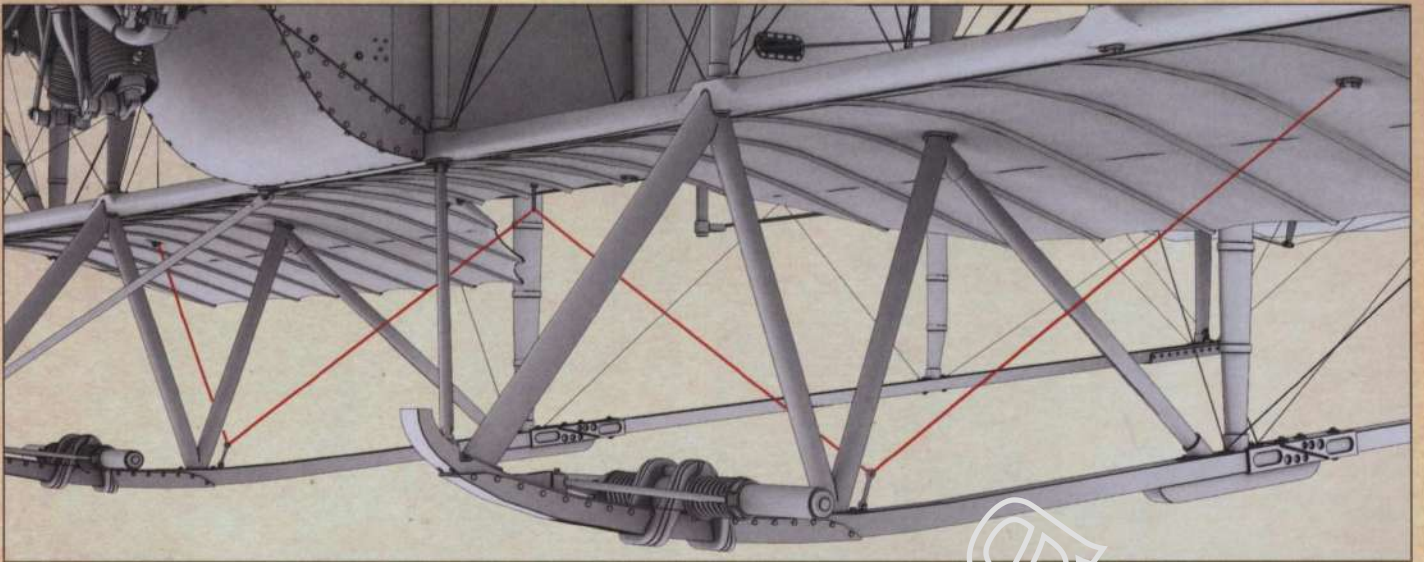
Step 85. Installing Le Rhone aero engine



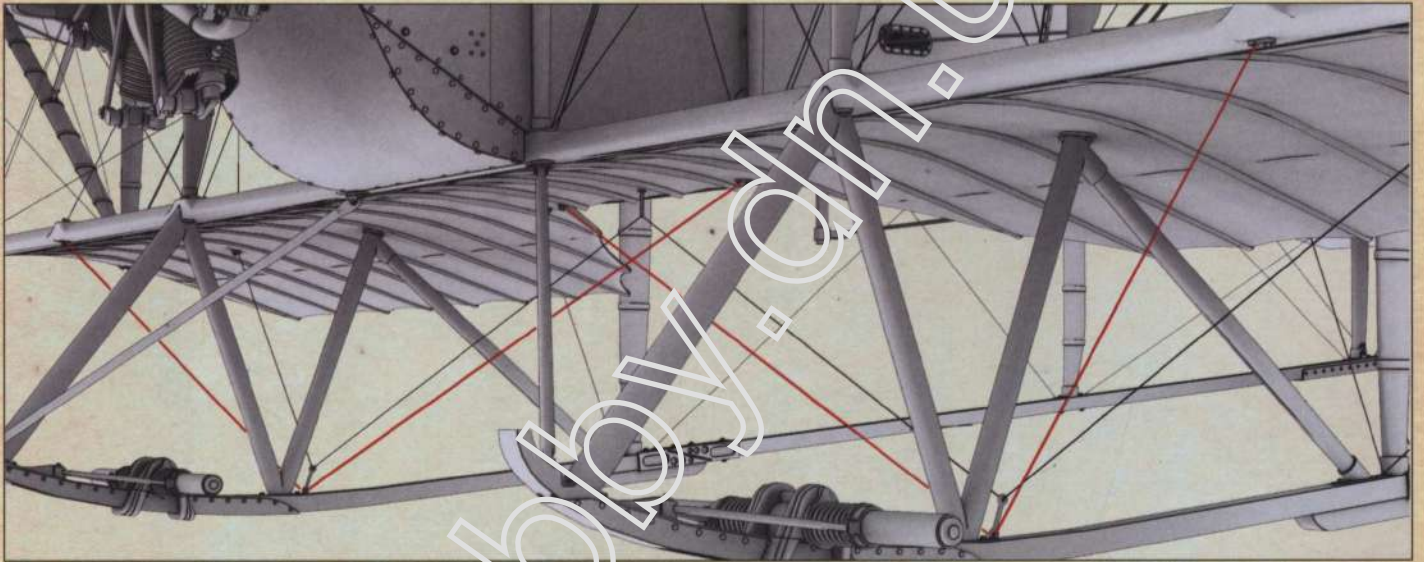
Step 86. Installing the engine cowling



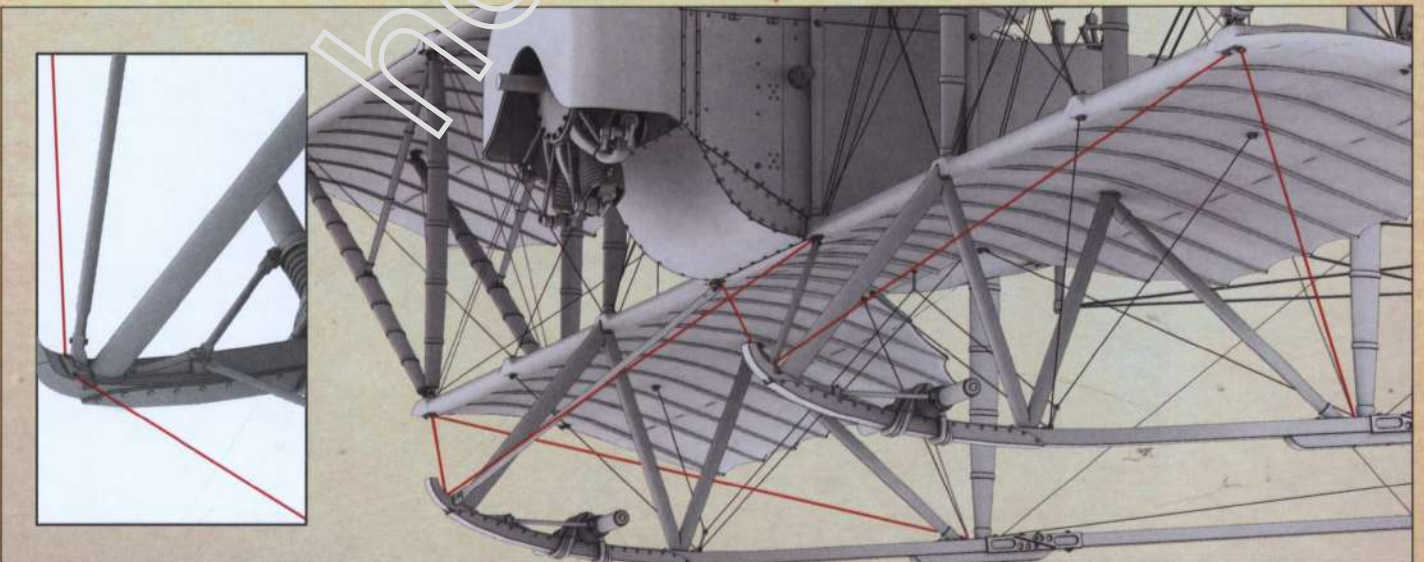
Step 87. Adding the bottom wing central turnbuckle (may be replaced with an aftermarket version) and the antenna tube. Part B4 ONLY for radio-equipped version



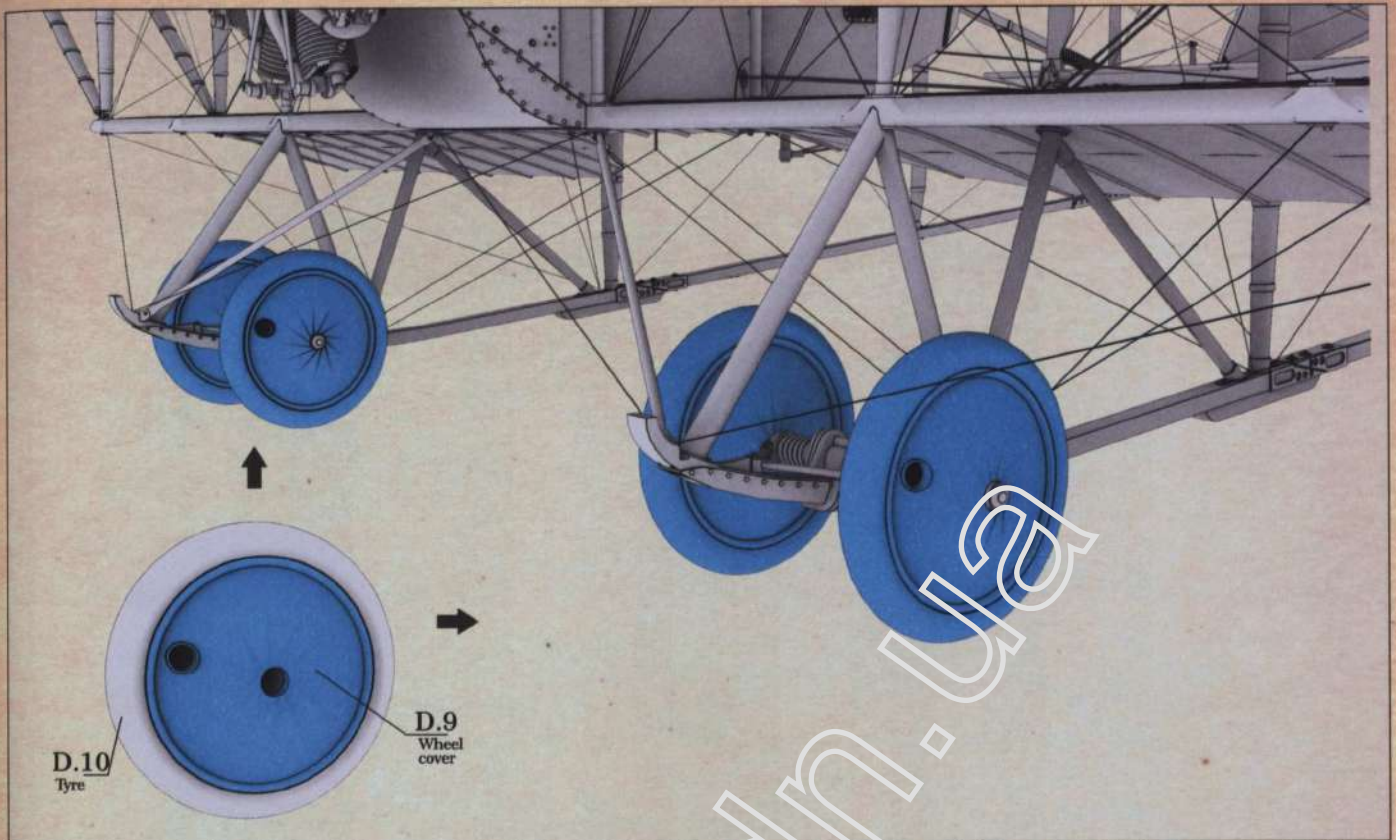
Step 88. Adding the wire bracings



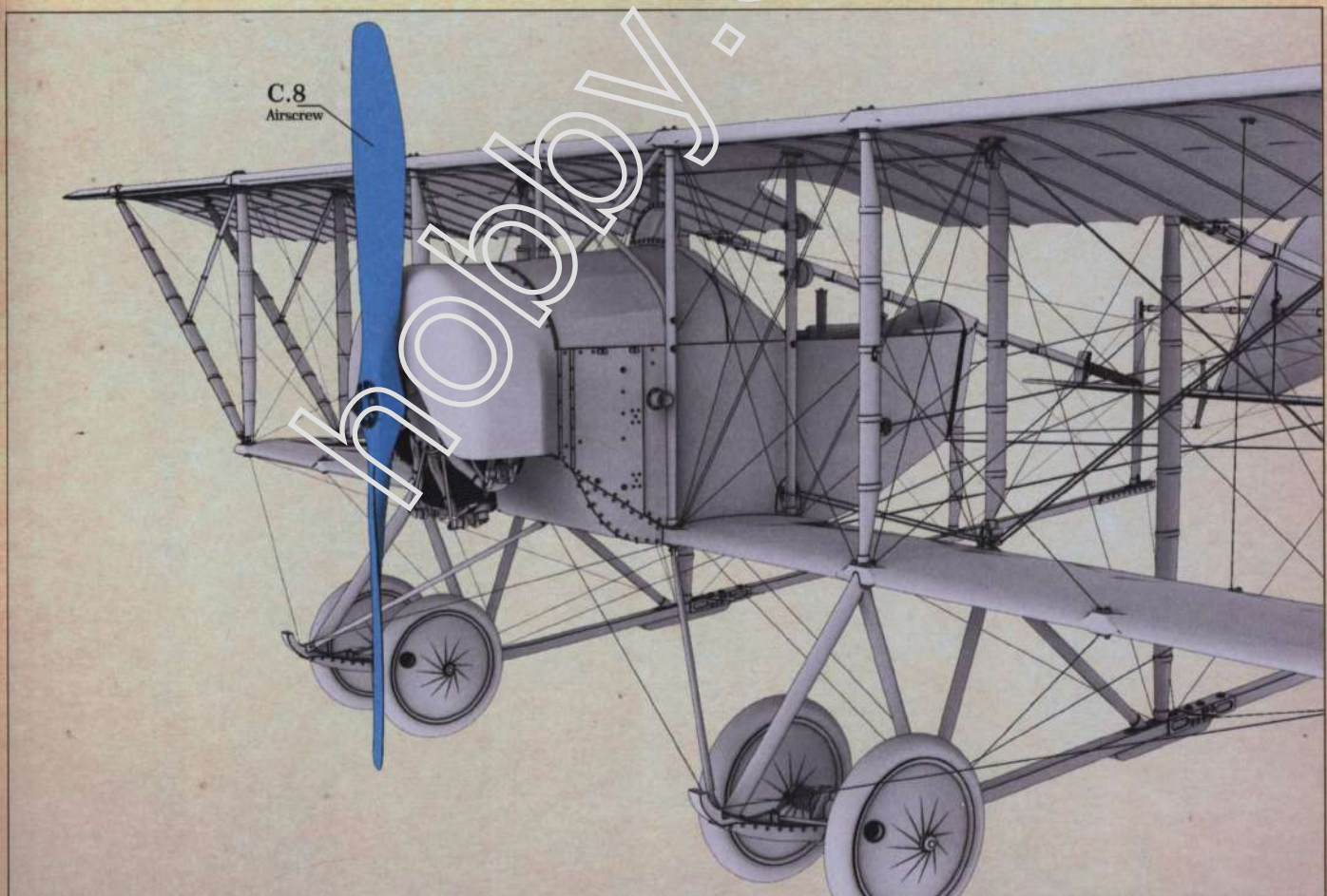
Step 89. Adding the wire bracings



Step 90. Adding the wire bracings



Step 91. Assembling and installing the wheels, make 4 (four)



Step 92. Installing the aircrew

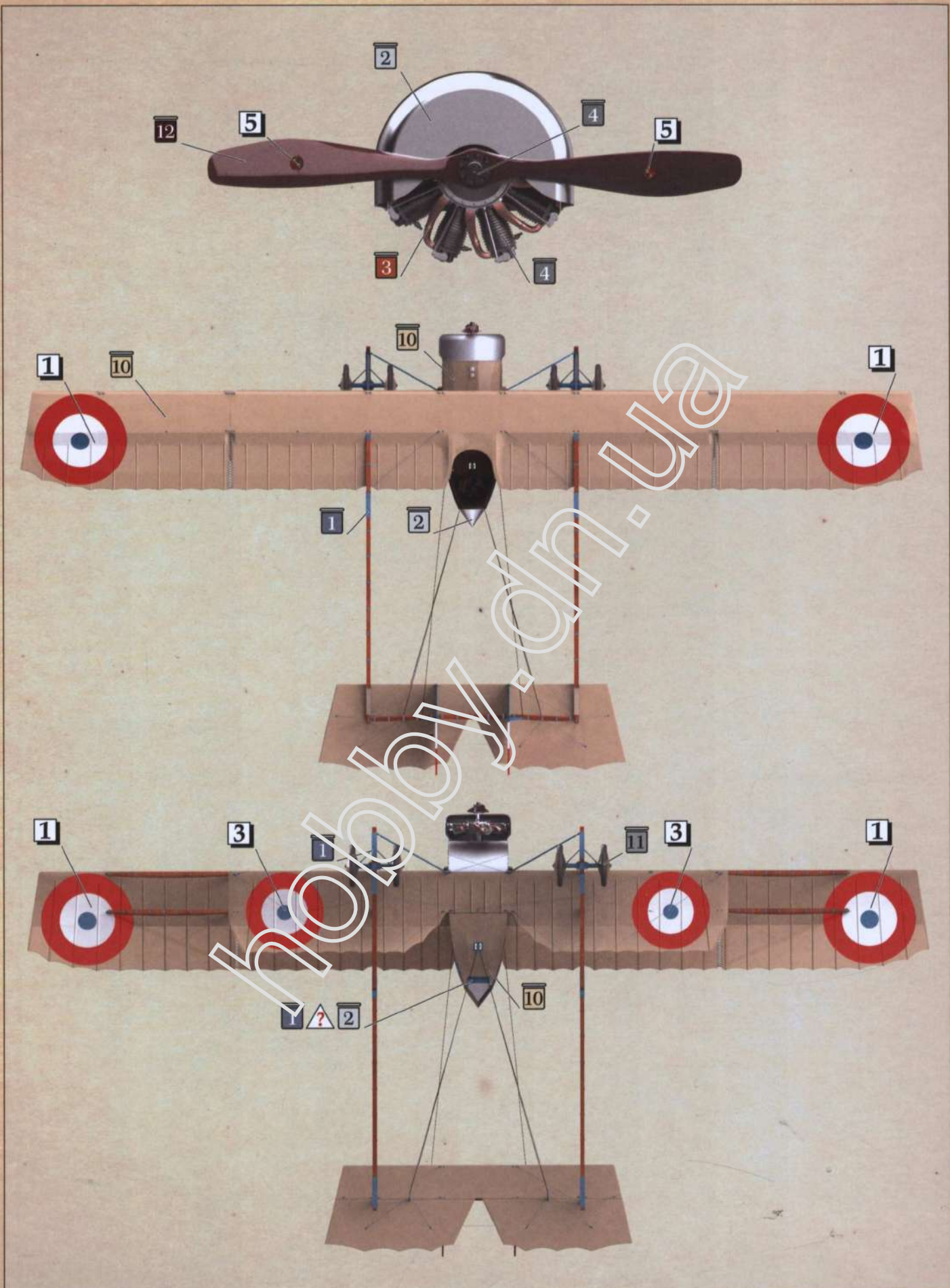


Illustration 1.
Caudron G.III top and bottom view

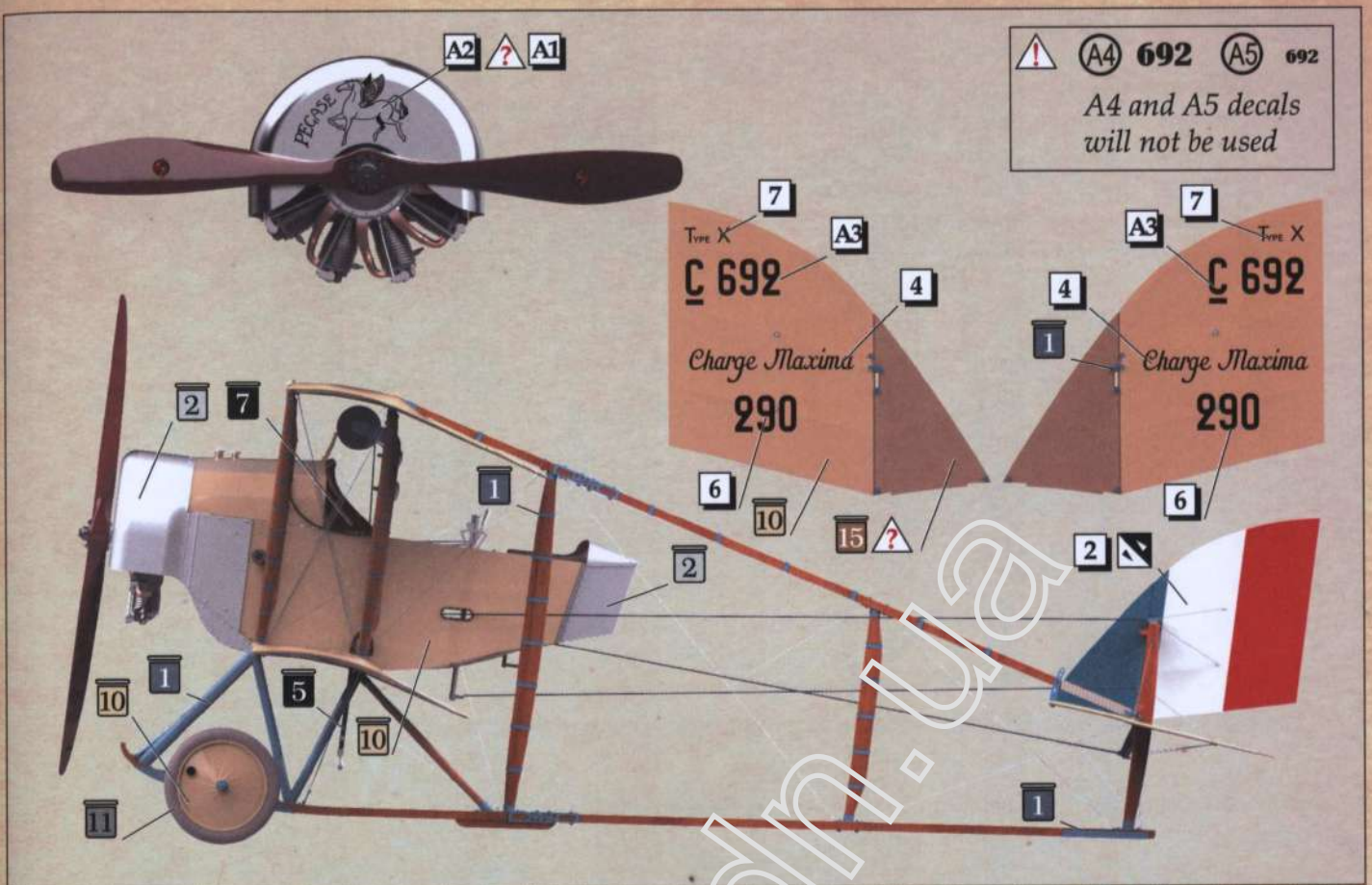


Illustration 2.
 Caudron G.III "Pegase", C 962. C.18 Escadrille
 S.lieut Boinvillers, Verdun, 1916

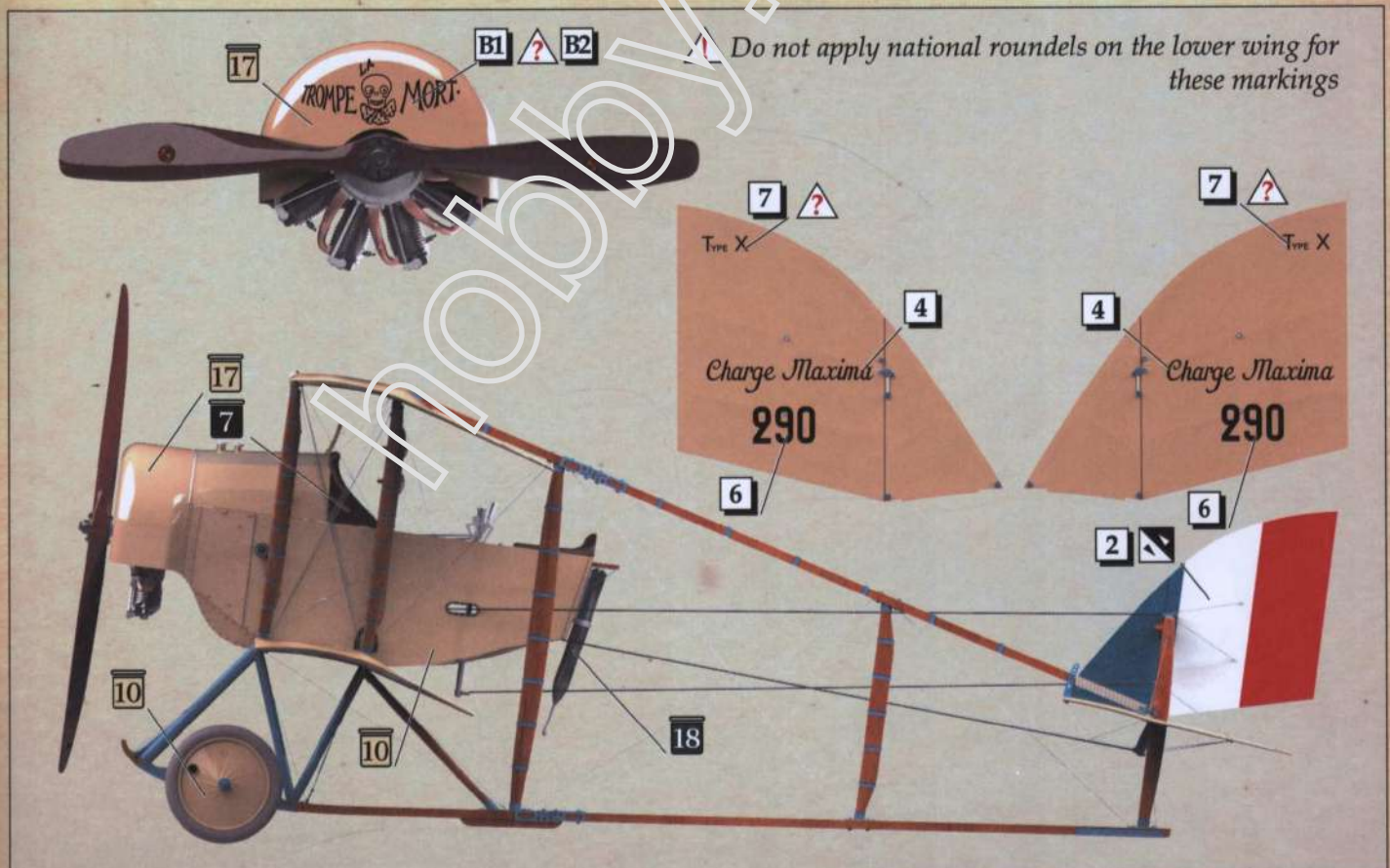
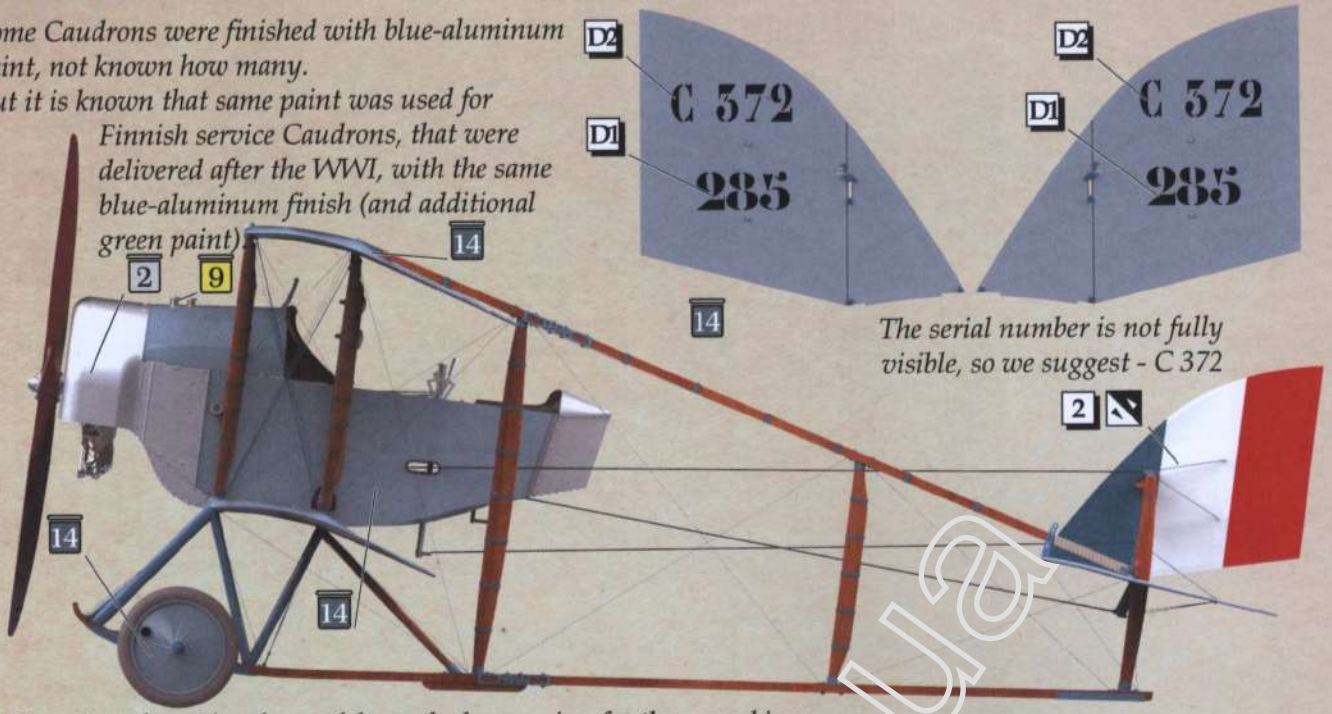


Illustration 3.
 Caudron G.III "Trompe La Mort", C.18 Escadrille
 MdL Maxime Lenoir, Verdun, 1915

Some Caudrons were finished with blue-aluminum paint, not known how many.

But it is known that same paint was used for Finnish service Caudrons, that were delivered after the WWI, with the same blue-aluminum finish (and additional green paint)



⚠ Do not apply national roundels on the lower wing for these markings

Illustration 4.

Caudron G.III, September 1914, markings based on autochrome by Gervais-Courielmont published in "Les Champs de Bataille de la Marne"

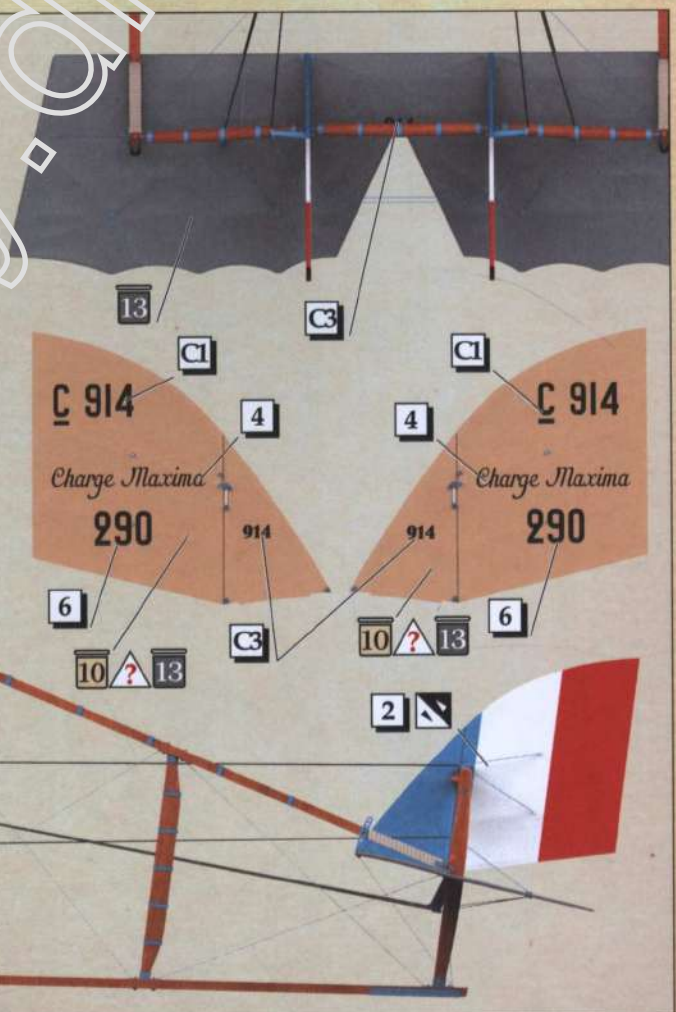


Illustration 5.

Caudron G.III, it may be some sort of an early colour that was tested on Caudron G.III, all the blue-painted parts look much lighter than this base colour (if that was a linen base colour). We believe that it could have been painted in a similar grey colour like same period Farmans. Or is it a blue colour? Also, it may be that only the upper surfaces of both wings were repainted and the fuselage