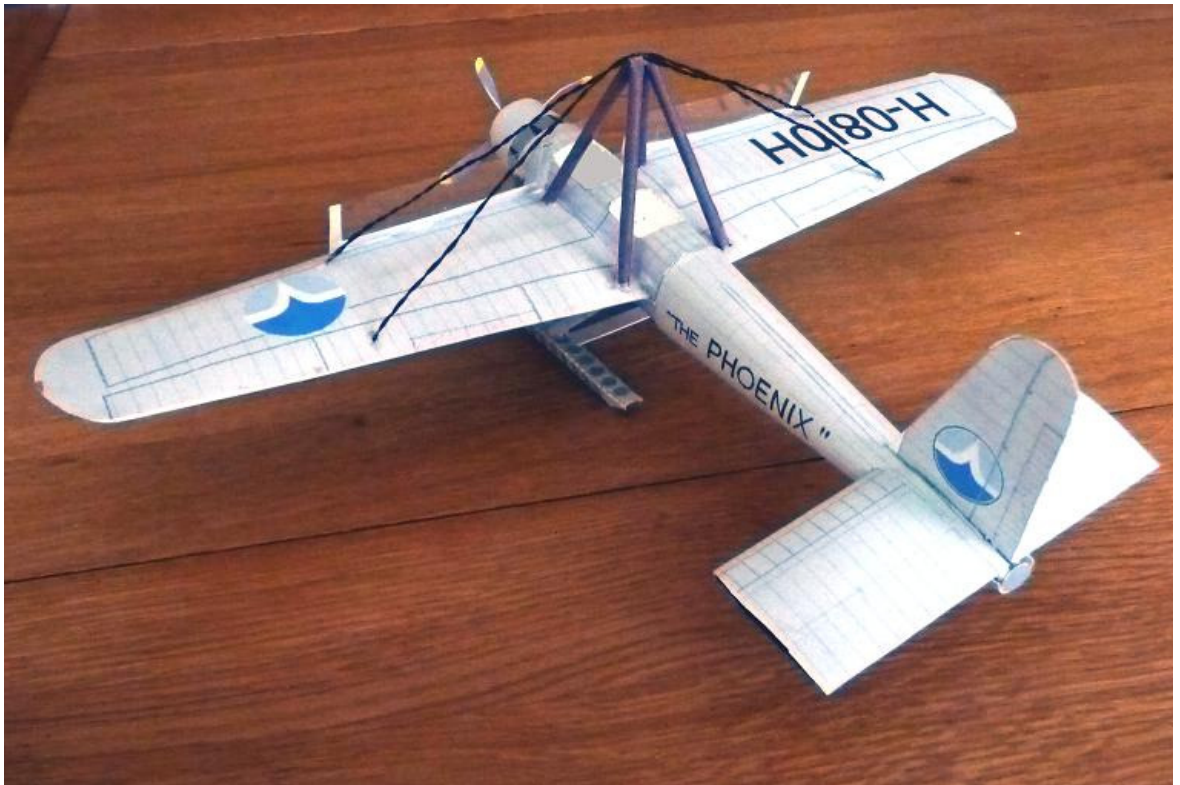


Bob's Card Models

www.bobscardmodels.altervista.org and www.zealot.com [Resources]

“The PHOENIX”



The Phoenix part of the Flying Boxcar

The Fairchild C-119 Flying Boxcar (Navy designation R4Q) was an American military transport aircraft developed from the World War II Fairchild C-82 Packet, designed to carry cargo, personnel, litter patients, and mechanized equipment, and to drop cargo and troops by parachute. The first C-119 made its initial flight in November 1947, and by the time production ceased in 1955, more than 1,100 C-119s had been built. Its cargo hauling ability earned it the nickname "Flying Boxcar".

N15501 made its way to Namibia, Africa during December 2003, to participate in a movie (remake of "The Flight of the Phoenix").

Many thanks to Tekzo <http://myhobbycraft.blogspot.com/2010/06/flight-of-phoenix-aircraft-172.html> for the ideas – I adapted many of these to the present model. His blogspot is very interesting for background to the film.

Building Instructions

Print all sheets on 160g card, except Sheet E, which is on paper (90g).

Green areas must be cut out, BUT usually after gluing any folds. I will tell you when!!

Fuselage

- 1 Cut out Part **3**, cut out the 2 green cockpits. Assemble Parts **11** and **12**, and glue in place inside Part **3**. Close and glue Part **3**. Cut out and glue on the tabs **4** and **5**.
- 2 Cut out Part **2**, assemble/glue, pierce centres of Parts **9** and **10**, then insert Part **10** as far as it will go and glue in place (about 1-2mm from front). Also insert/glue Part **9**. (Note: Parts **9** & **10** are 3x thickness)
- 3 Cut out and assemble/glue Parts **1** and **6**.
- 4 Glue together Parts **1** – **6**.
- 5 Glue on Part **7** to rear end of fuselage.
- 6 Cut out green area for wings on Part **3**.

Rear Fin & Wing

- 7 Cut out Rear Wing **17**, fold.
- 8 Parts **18** – **20** give the Rear Wing its correct profile. They are all 3x thick. Glue Parts **18** (2) around centre of wing, with a gap of about 1mm between, to allow positioning of Rear Fin. Also glue on struts/spars end parts **19** & **20**, each about 5mm within the wing ends. Glue paper Parts **19B** and **20B** within the rear wing ends, to give authenticity of colour.
- 9 Glue Tail Fin **22A** in place, in slot provided, as well as fin/wheel **22B** under wing.
- 10 Glue tail assembly onto fuselage.

Main Wings

- 11 Cut out, assemble and glue left and right wings **13** and **15**; into left wing **13** insert/glue Part **16**, then spar **14** (this should pass through the fuselage between the 2 cockpits). Insert this assembly through the fuselage, and glue on right wing **15**.
- 12 Glue wing assembly to fuselage.
- 13 Using flash **13A** and **15A**, cover/glue the joins wing-fuselage.

Undercarriage

14. Cut out skids **23**, fold, glue. Cut out green slots/areas on skids, as well as green holes in fuselage. Assemble undercarriage together with Struts **23A** and **23B**.

Wing Supports 24

- 15 Roll/glue the 2 parts **24** on a 3mm diameter rod, bend each in the middle, and glue in place on either side of the cockpit. Add the strings.

Exhaust 25

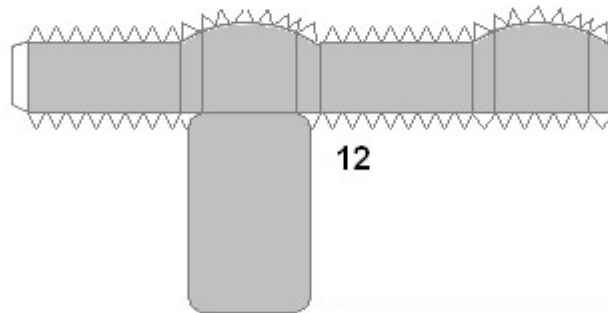
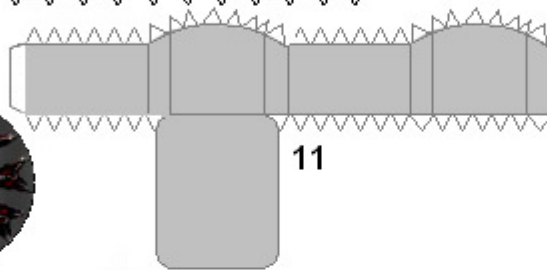
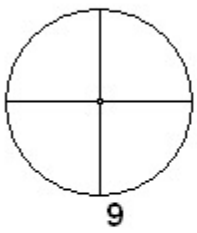
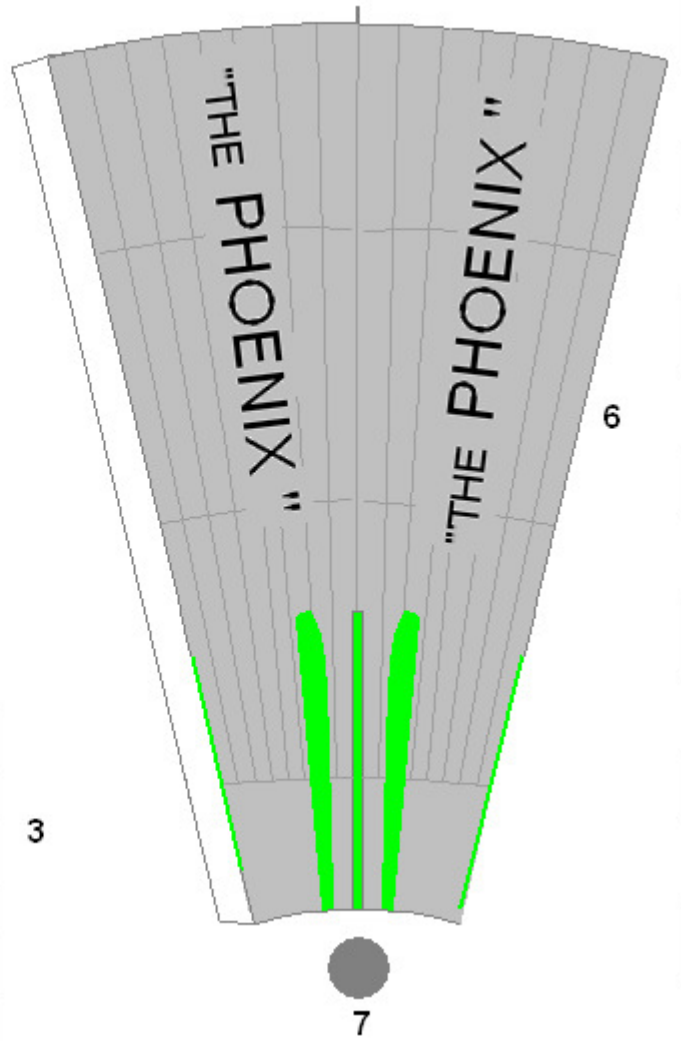
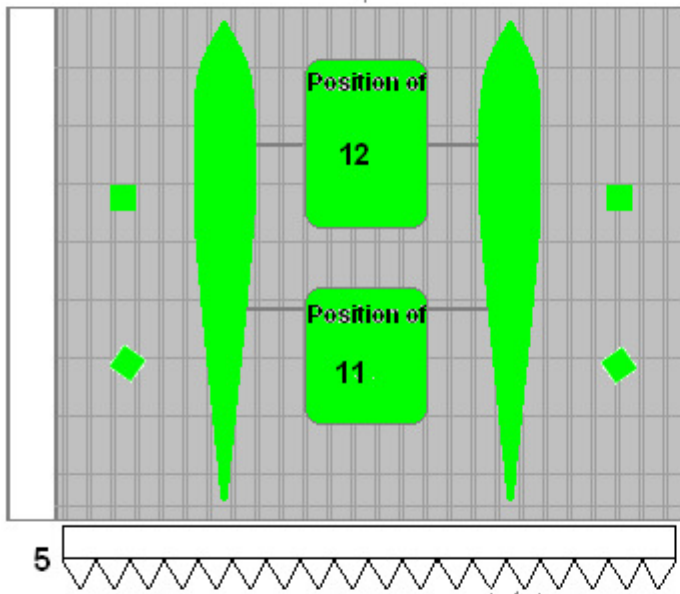
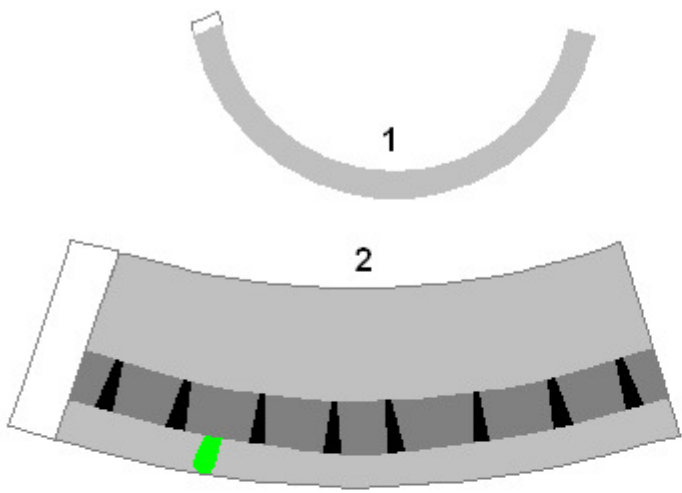
16 Fold, glue, cut out, roll around 3mm diameter rod and glue. Glue in place.

Propeller

16 Assemble propeller, glue onto tip of a tooth-pick, and insert in the engine. Add nose cone

---oooOooo---

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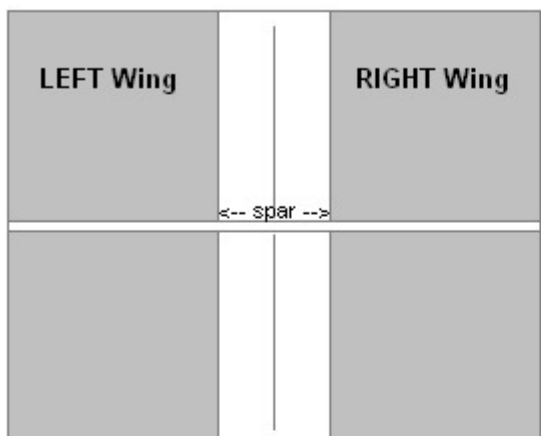
9 & 10 : Make 3x thickness.

Sheet A
Phoenix

(Flight of the Phoenix)

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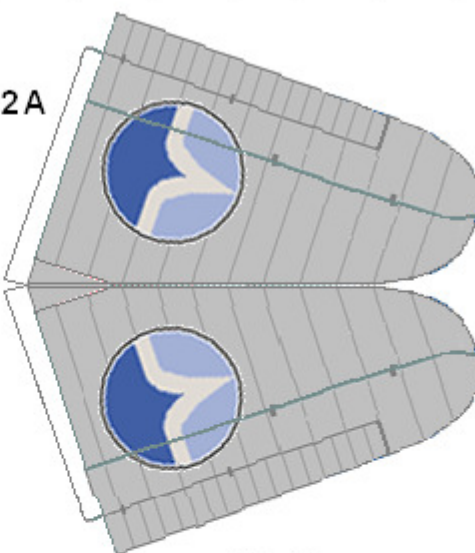
16



Glue to wing underside (inside) of one wing, glue in spar, glue onto other wing.

22A

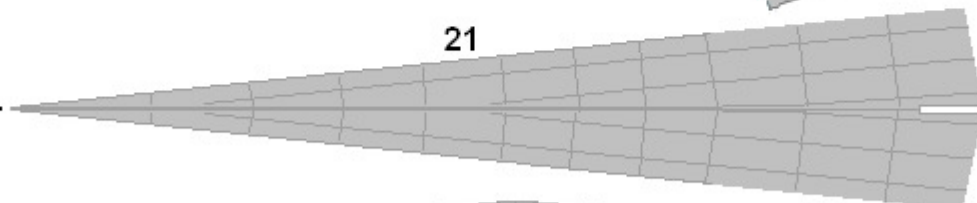
Leading Edge



21

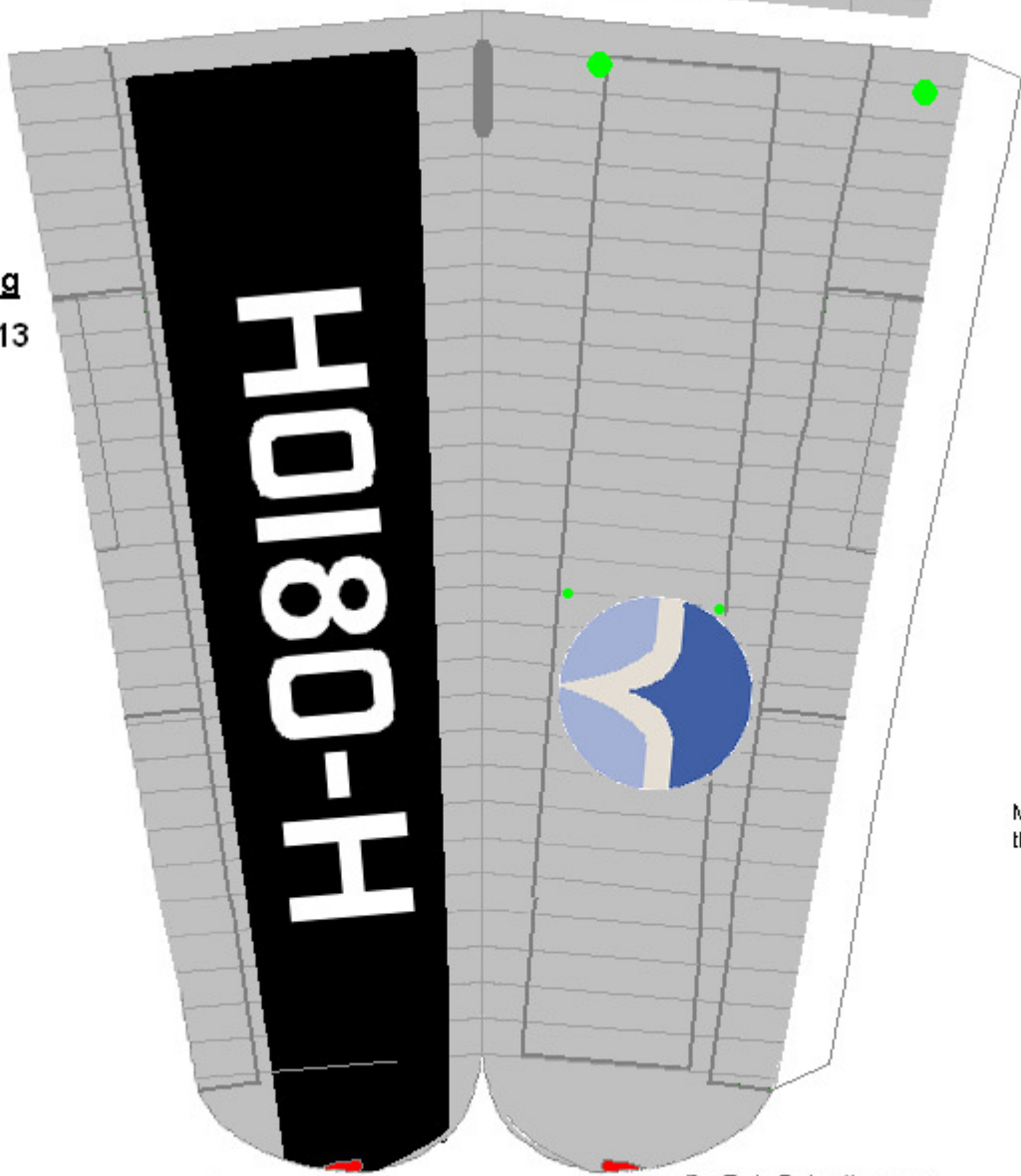
fold

fold



Left Wing

13



BOTTOM

TOP

14

LEFT WING

Make 4x thick

Sheet B

PHOENIX

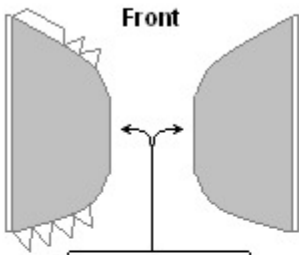
(Flight of the Phoenix)

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Right Wing

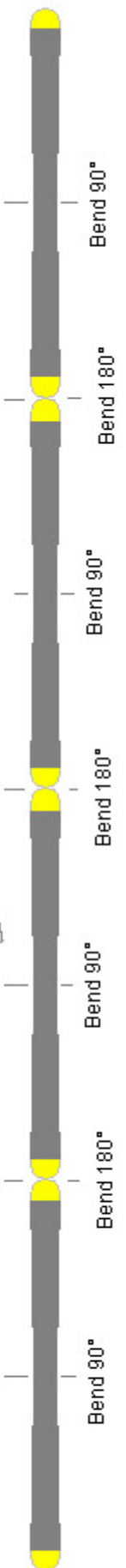
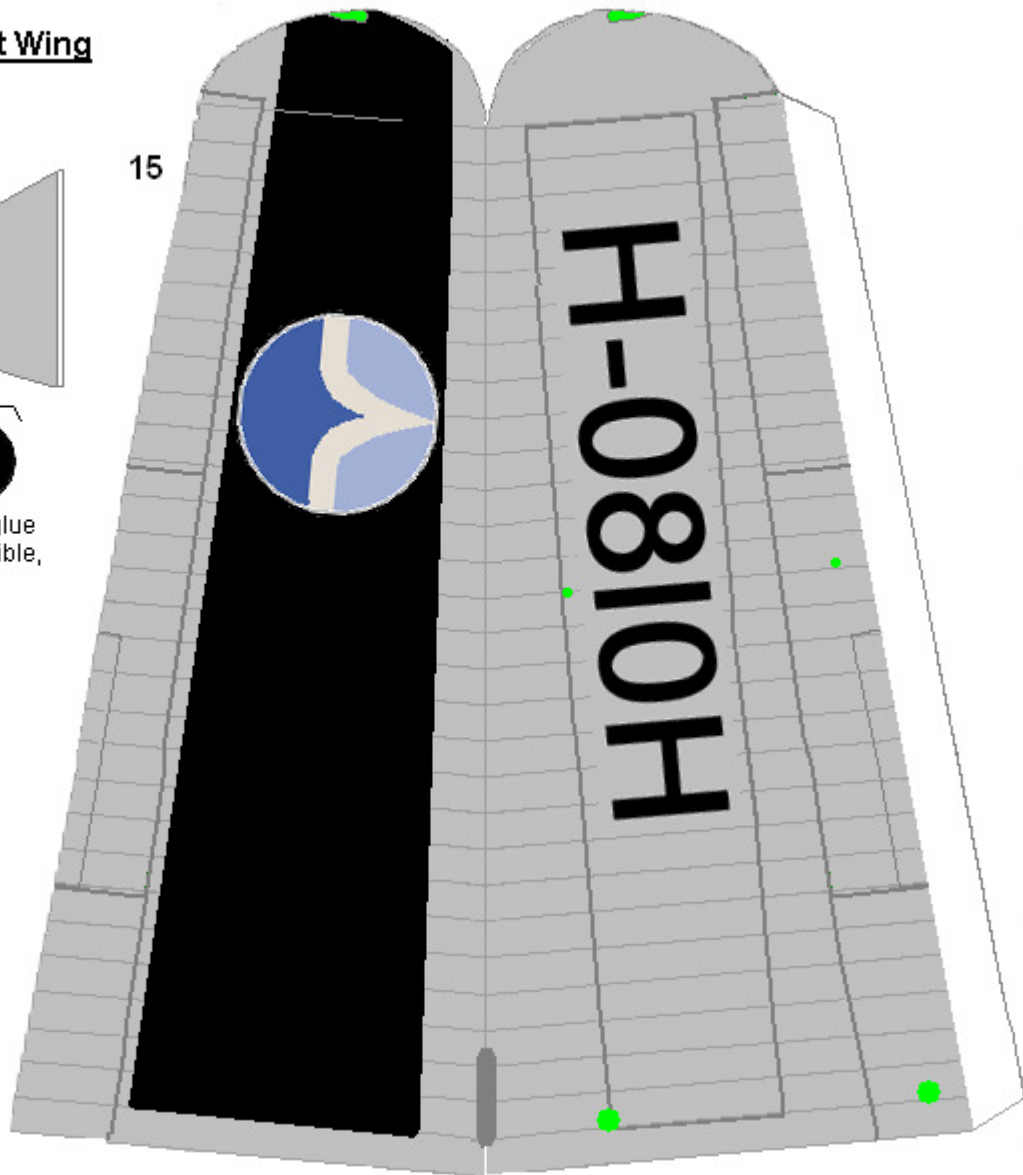
22B

Front

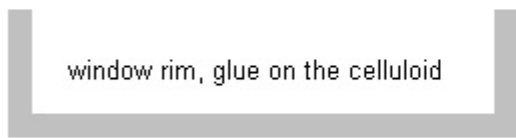


Make 5x thick, glue & insert half visible, glue.

15



Windshield - pilot



window rim, glue on the celluloid



window rim, glue on the celluloid

Cut out of thin plastic film or celluloid

Sheet C

PHOENIX

(Flight of the Phoenix)



Nose Cone

Propeller

© Bob Schedler 2011

REAR WING 17

TOP

Leading edge →

BOTTOM

18

3x thick

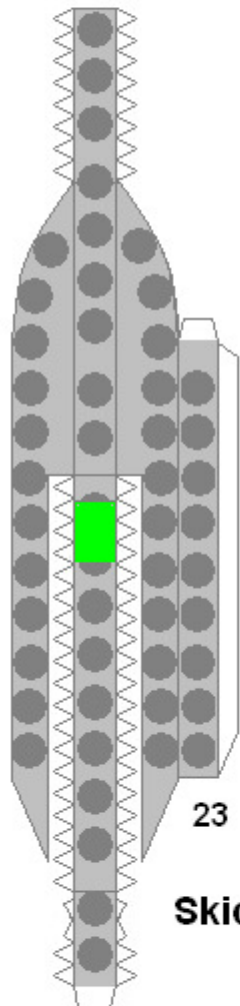
Each nearly in centre of wing, with 1mm gap for Tail Fin.

19

3x thick

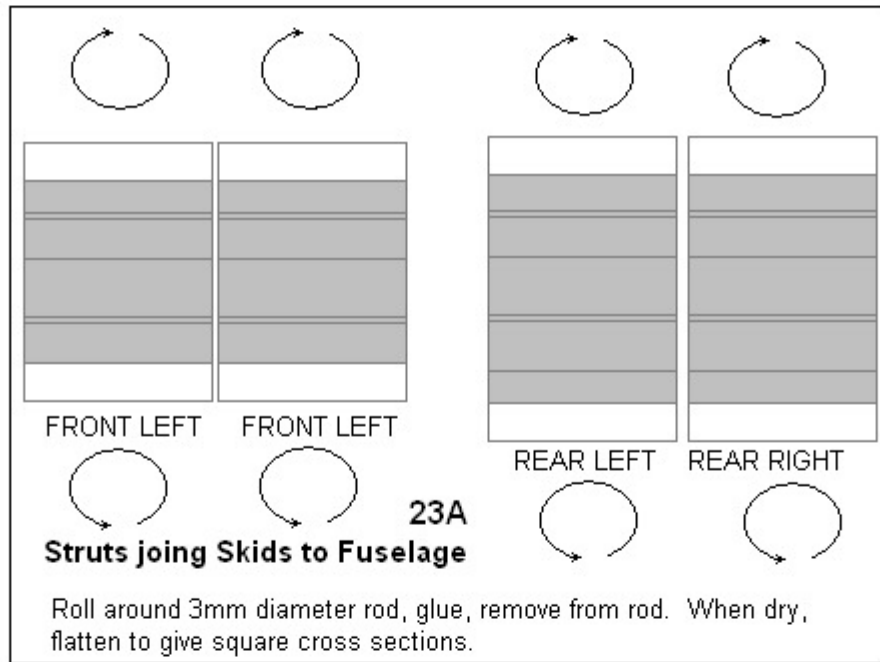
20

3x thick



23

Skid



23B Horizontal strut joining skids

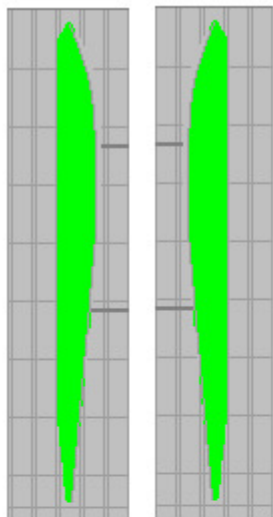
Cut out, fold/glue lengthwise

23

Skid

Sheet D

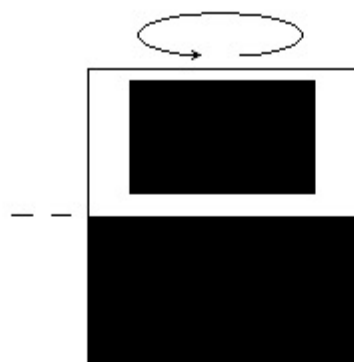
PHOENIX



13A

15A

Flash to cover gap
fuselage/wings.

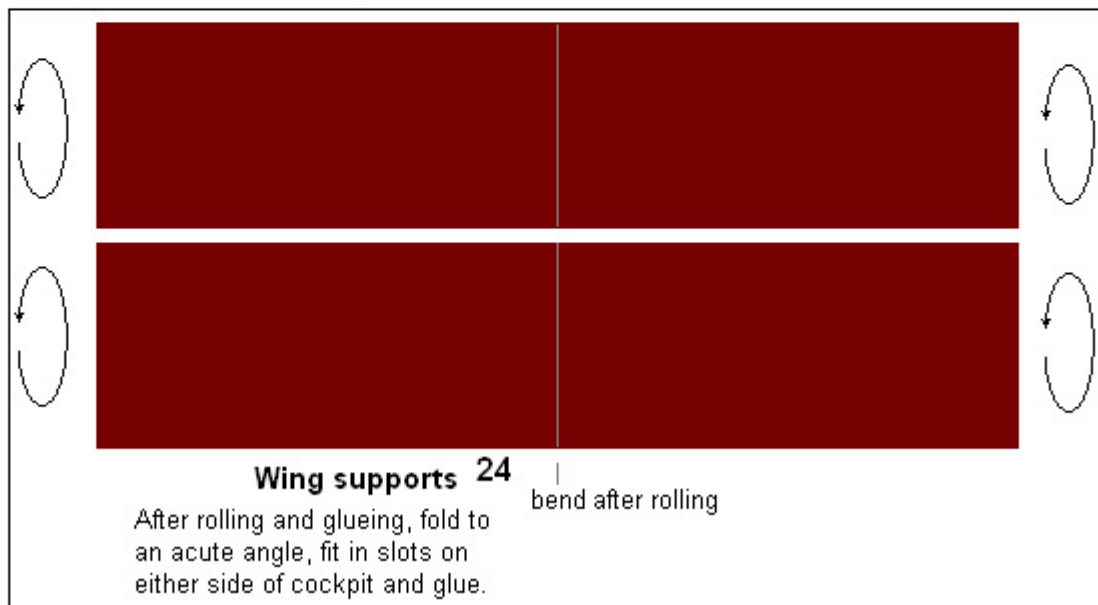


Exhaust 25

Cut out, fold, glue, roll around 3mm rod,
glue, Fit in place on motor.



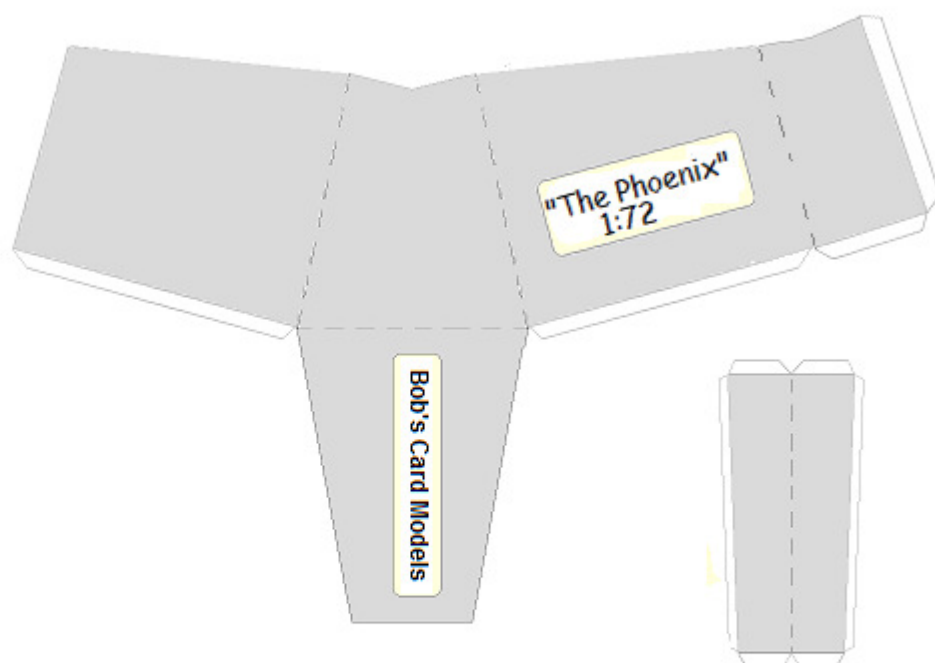
19B 20B



Wing supports 24

bend after rolling

After rolling and glueing, fold to
an acute angle, fit in slots on
either side of cockpit and glue.



Sheet E

PHOENIX

PRINT ON 90G PAPER