

LONG-EZ-46



0. 46 cu. in. displacement 2-cycle

0. 70 cu. in. displacement 4-cycle

Radio: 4channels 4servos

Specifications

Wing span 56in/1430mm

Wing area 32. 5sqdm

Flying weight 3500g

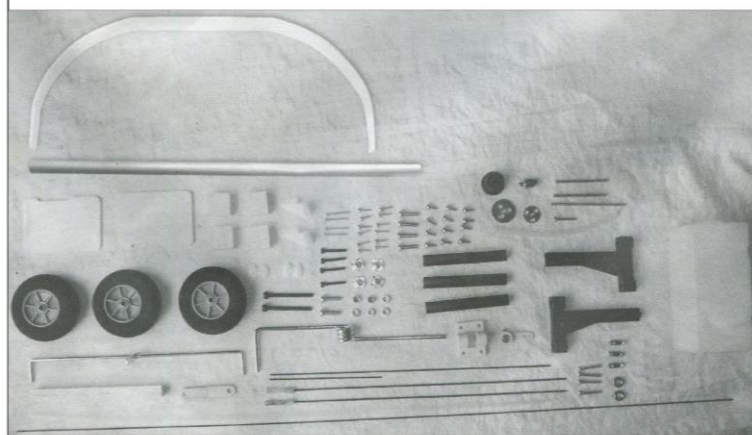
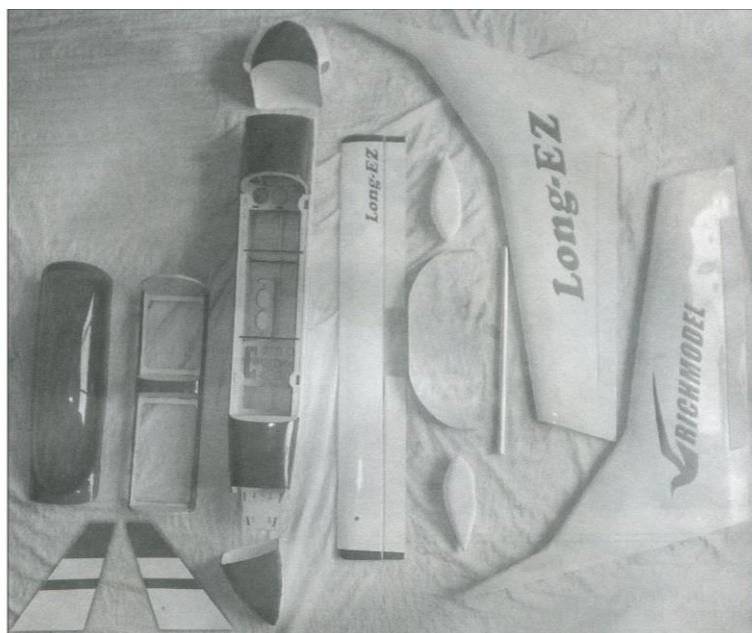
Fuselage length 32in/810mm

Warning! This model is not a toy.

It is designed for maximum performance. Please seek advice if one not familiar with this kind of engine powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick reference.

Parts List:

- 1.Cowl-1pcs
- 2.Cowl-1pcs
- 3.Round Head Screw PWA2X8-4pcs
- 4.Wood 10X10X18-1pcs
5. Wheel $\phi 70$ -3pcs
- 6.Round Head Screw PA2X8-4pcs
- 7.Wheel Collar $\phi 4.1$ mm-3pcs
- 8.Canopy-1pcs
- 9.Round Head Screw PWA2X8-8pcs
- 10.Nylon wing bolt PM5X20-2pcs
- 11.Wing bolt 15MM-1pcs
- 12.Wire pushrod 100X1.8mm-3pcs
- 13.Wire pushrod 600X1.8mm-1pcs
- 14.Nylon Arms M3-4pcs
- 15.Adjustable Control Horns-4set
- 16.Self-Tapping Screws PM2X20 -6pcs
- 17.EZ Connector $\phi 2.1$ mm-2pcs
18. M8 Nylon Inert Lock Nu-2pcs
19. 4x54mm Axle Shaft-2pcs
20. **Ear Plates**-1set
21. Clevis-2pcs
22. Control horns-2pcs
23. Nylon E/Z Link-2pcs



P. 2

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BEFORE YOU BEGIN	P. 1
PARTS LIST	P. 2-P. 3
ASSEMBLY	P. 4-P. 10
SAFETY PRECAUTIONS	P. 10

BEFORE YOU BEGIN

- ① Read through the manual before you begin , so you will have an overall idea of what to do.
- ② Check al prts. If you find anky defective of missing parts contact your local dealer.
- ③ Symbols used throughout this instruction manual comprise of the following:



Apply epoxy glue.



Apply instant glue
(C.A. glue, super glue.)



Assemble left and right
Sides the same way.



Ensure smooth non-binding
movement while assembling.



Peel off shaded portion
Covering film.



Cut off shaded portion.



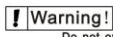
Drill holes with the specified
Diameter (here :3mm)



Must be purchased separately!



Pay close attention here!



Warning!
Do not overlook this symbol!

! Warning

Important Safety Precautions

#First time flyer shoud never fly by himself/herself.Assistance from experienced flyer is absolutely necessary.

#Pre-flight adjustment must be done before flying,it is very dangerous to fly a badly Pre-adjusted aircraft.48

#LONG-EZ-46 is designed to be powered by 2- stroke. 46 or 4- stroke. 70 engines, using a more powerful engine does not mean better performance. Infact, over powered engine may cause severe damage and injuries.

#Make sure the air field is spacious,never fly the plane too close to people and never get too close to a running propeller.

#If you find wrinkles on the covering as a result of weather changes,you can use hot iron to remove the wrinkles.Please begin with lower temperature setting and gradually raise the temperature until the wrinkles are gone.Too hot an iron may damage the covering.

#Check and re-tighten up all factory assembled screws,use thread locker if applicable.

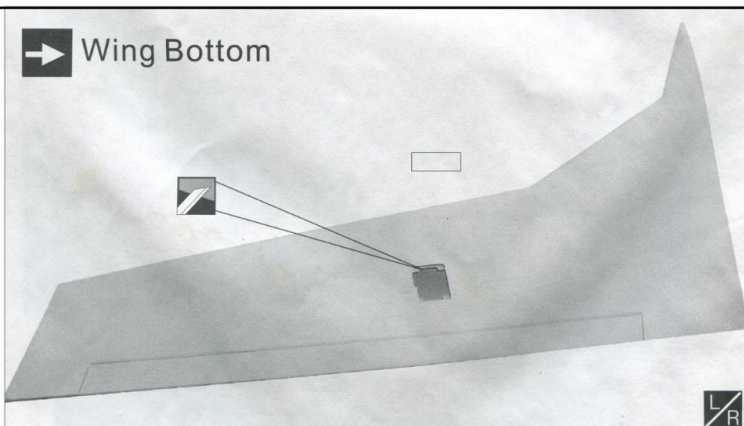
1 Main Wing

Wing Top



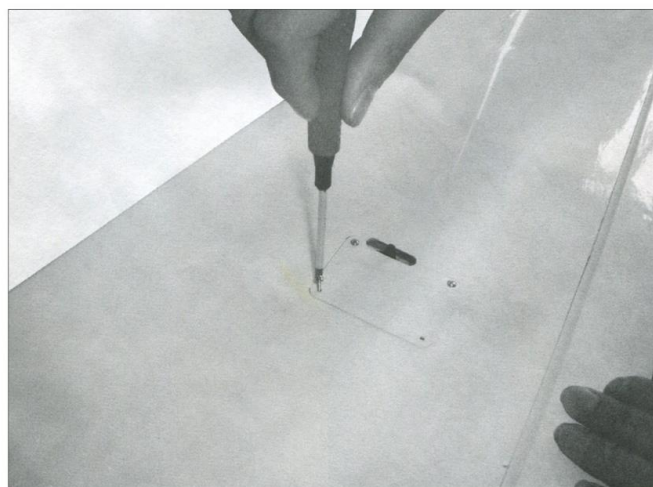
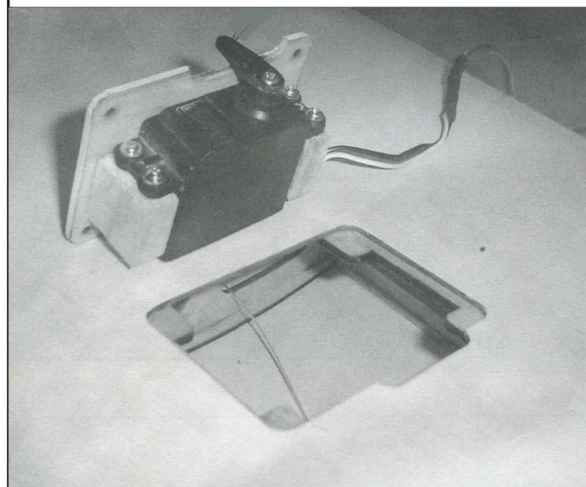
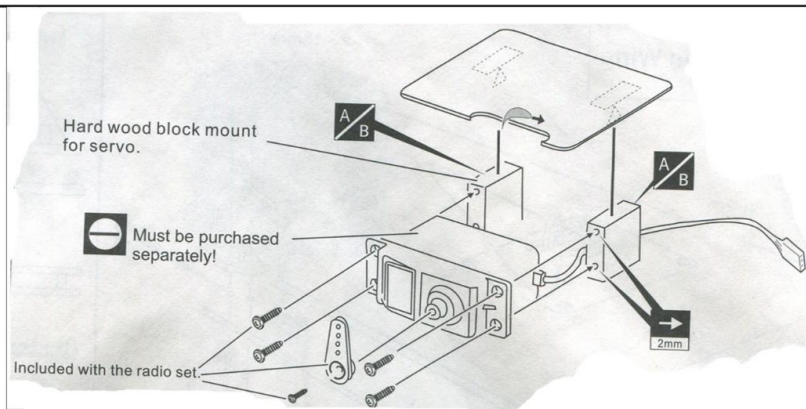
2 Main Wing

Wing Bottom

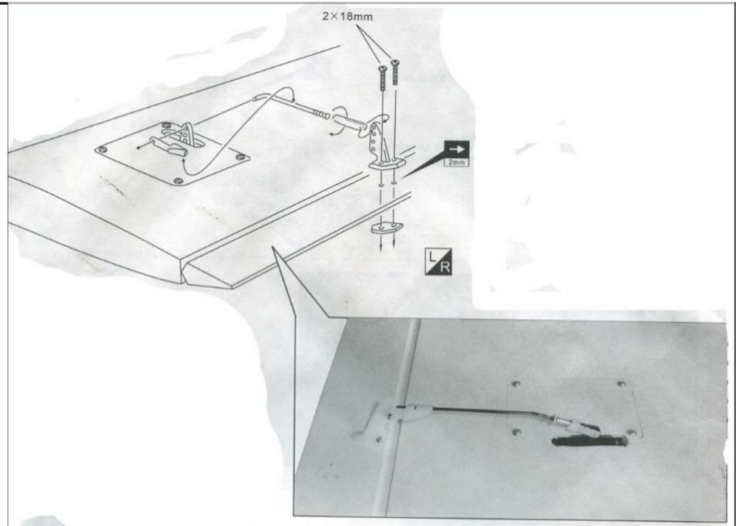


3 Servo Set

PM2X20	Screw
	6
Clevis	
	2
Control horns	
	2
Nylon E/Z Link	
	2
PWA2×6mm	Screw
	8

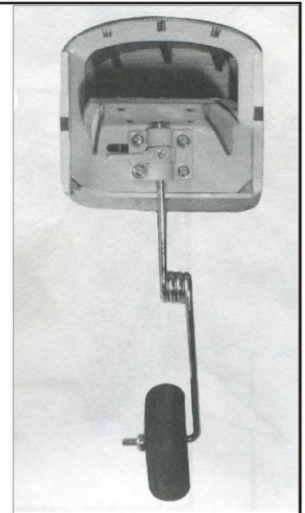
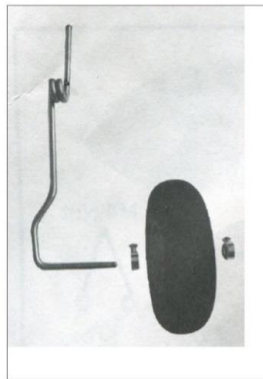


4 Main Wing

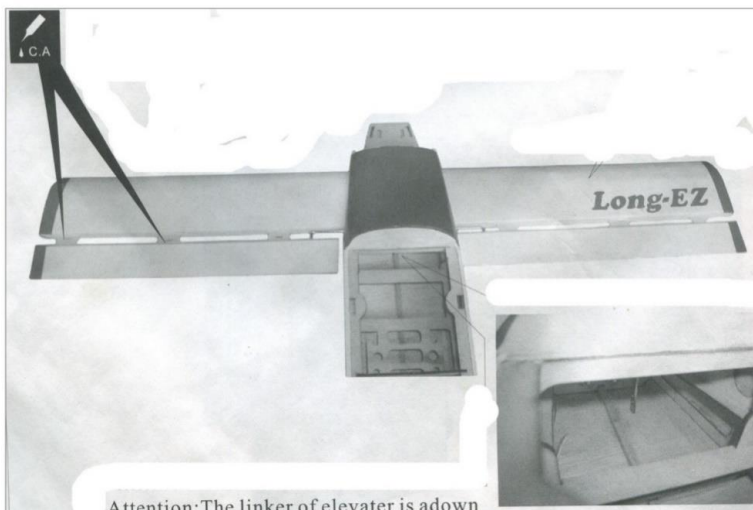
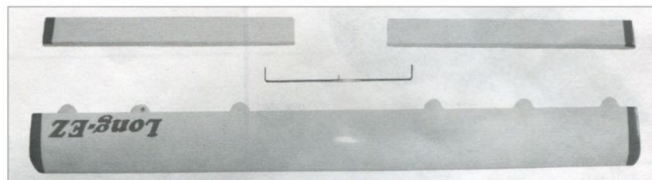


5 Landing Gear Servo

PM3X12mm Screw	4
4.1mm collar	2
Ear Plates	1



6 Stabilizer/elevator



Attention: The linker of elevator is adown

7 Stabilizer/elevator

PM4x40mm Axle Shaft

2

M4 Nylon Inert Lock Nut

4

4.1mm Colar

2

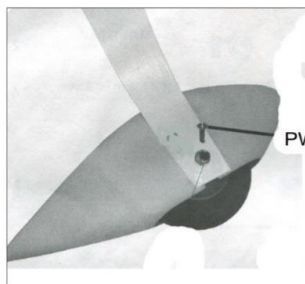
PWA2.3X10mm

2

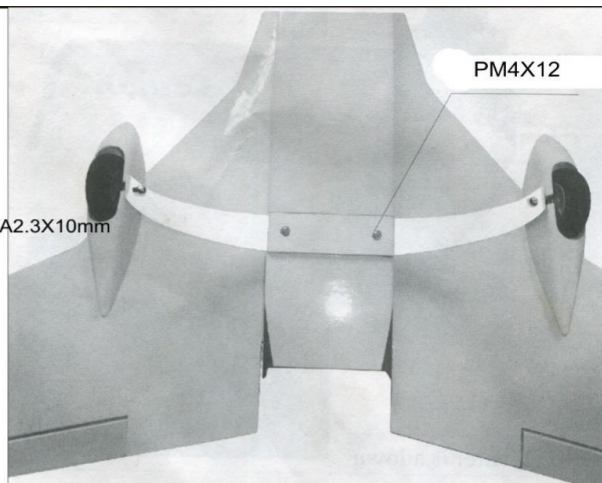
PM4X12

Socket

2



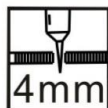
PWA2.3X10mm



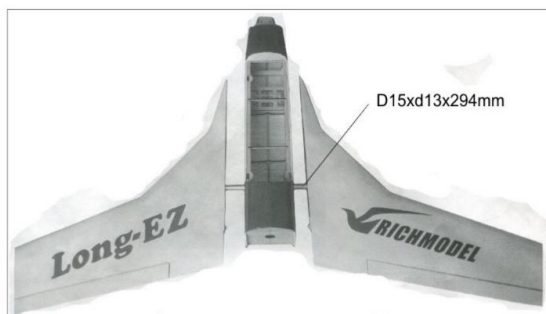
PM4X12



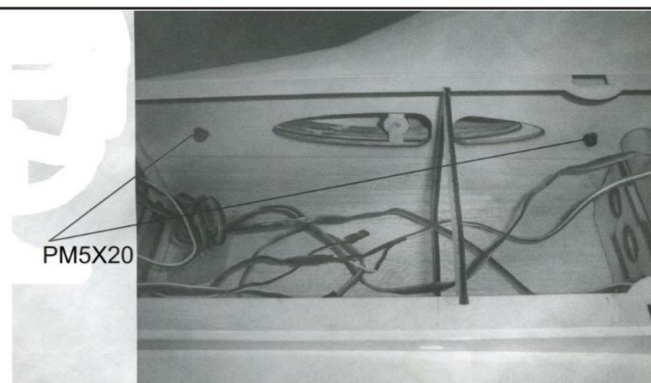
L/R



8 Main Wing

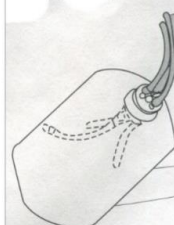


D15x13x294mm

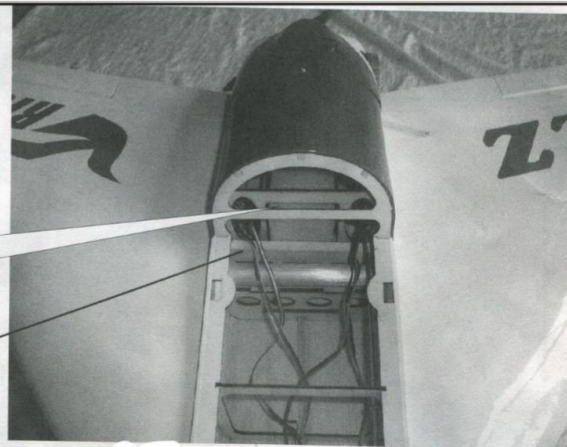


PM5X20

9 Fuel Tank



Hard wood

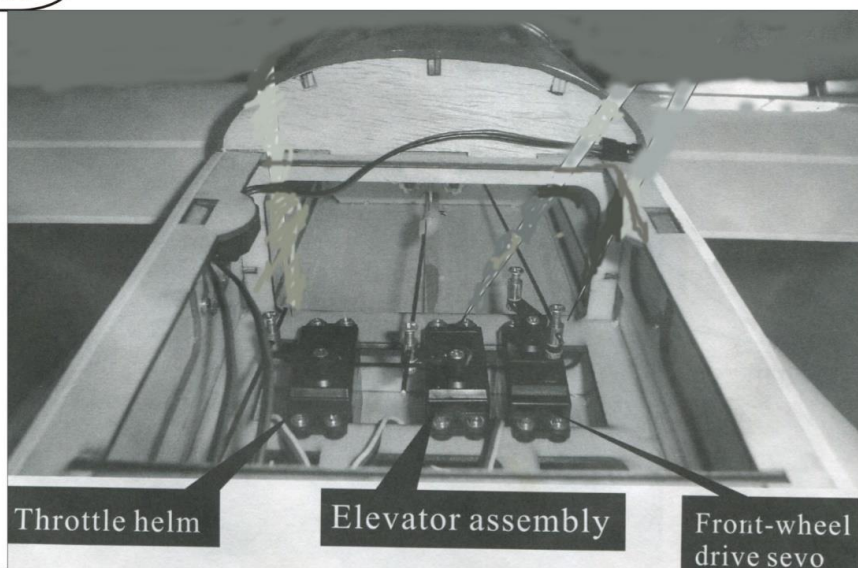


Steps 10 through 12 are missing



<http://www.rcuniverse.com/forum/arfrtf-75/3434586-richmodels-works-ltc-arfs-2.html>

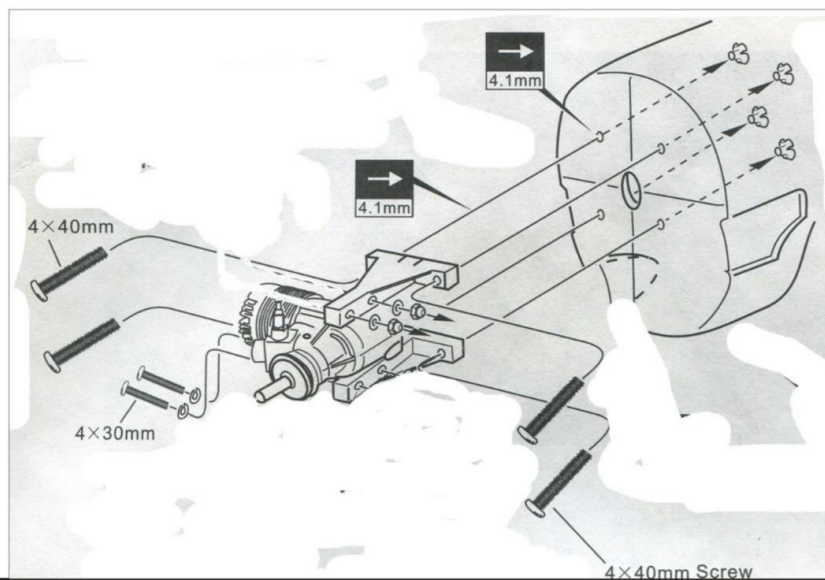
<http://www.rcuniverse.com/forum/arfrtf-75/4271874-long-ez-46-engine-mounting-question-2.html>

13 Radio Equipment




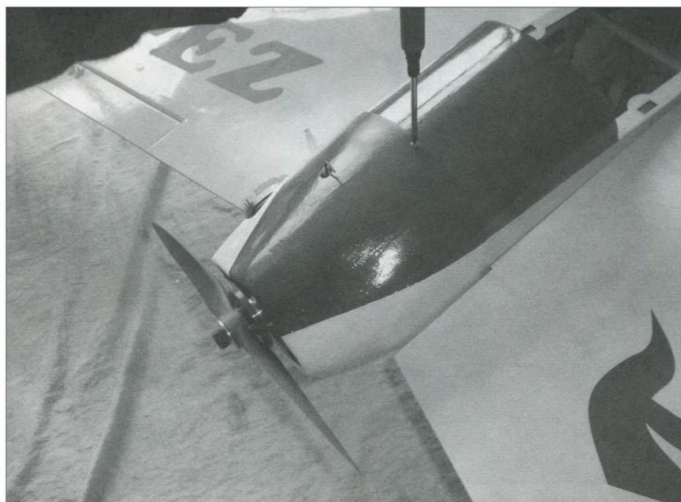
13 Radio Equipment

PM3X25	Screw
	4
M3 Nylon Inert Lock Nut	
	4



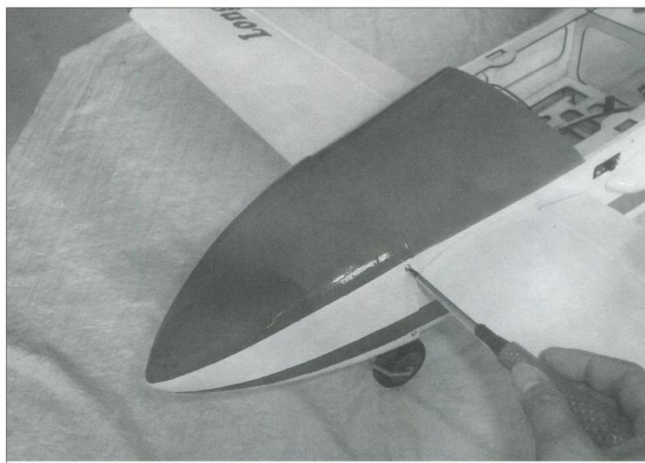
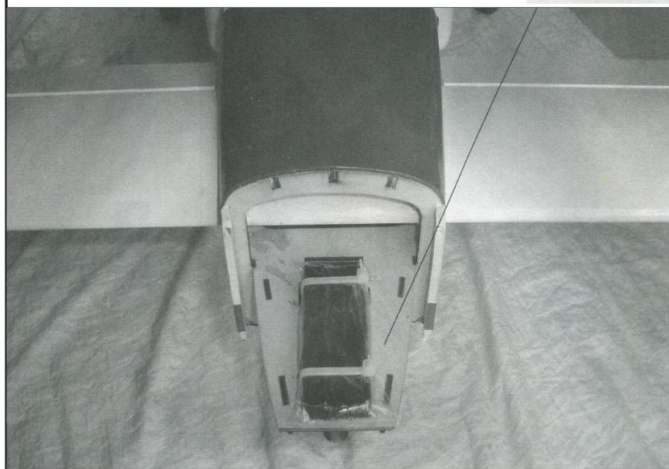
14 Canopy

PWA2. 3x8mm	Screw
	4

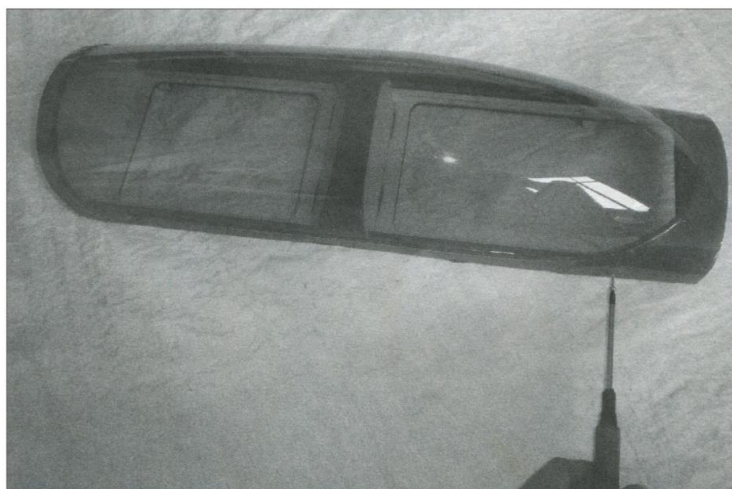
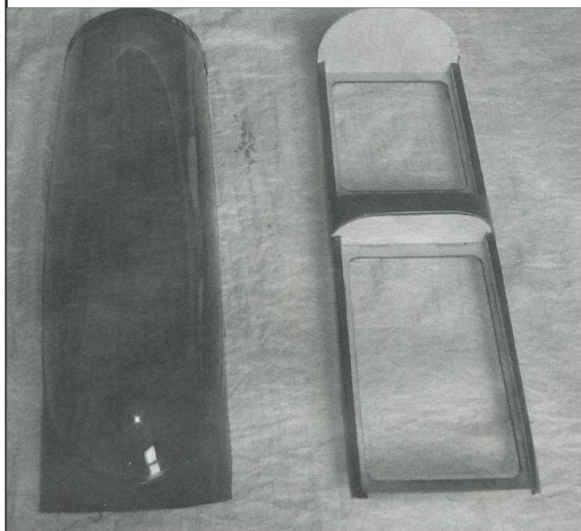


15 Head Cover Asembly



Collocate an appropriate weight

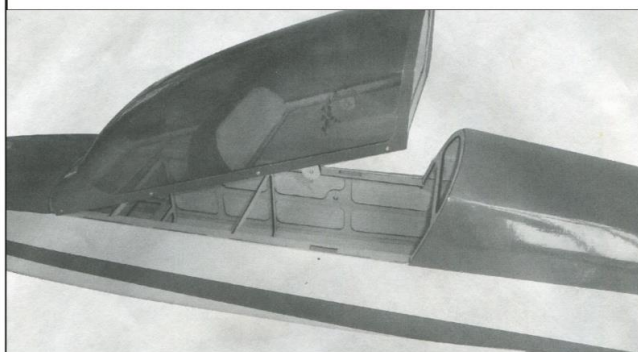


15 Canopy



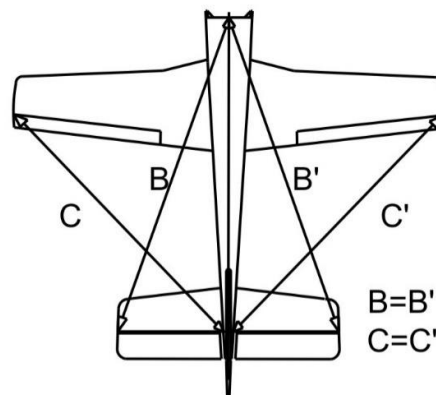
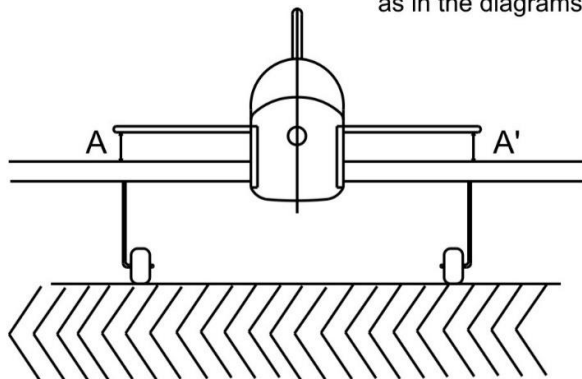
15 Canopy

PM3X12	Screw
	— 4
PWA2×8mm	Screw
	— 8



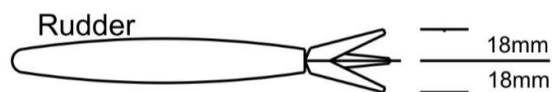
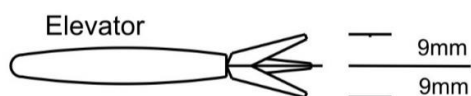
16 Wing Setting

Adjust the wing and fuselage configuration as in the diagrams.



17 Control Ranges

Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your Personal Preference.



18 C. G. Point

The ideal C.G. position is 350mm (13.8in) behind the leading edge. In order to obtain the C.G. specified, add weight to the fuselage if required. Check the C.G. before flying.

