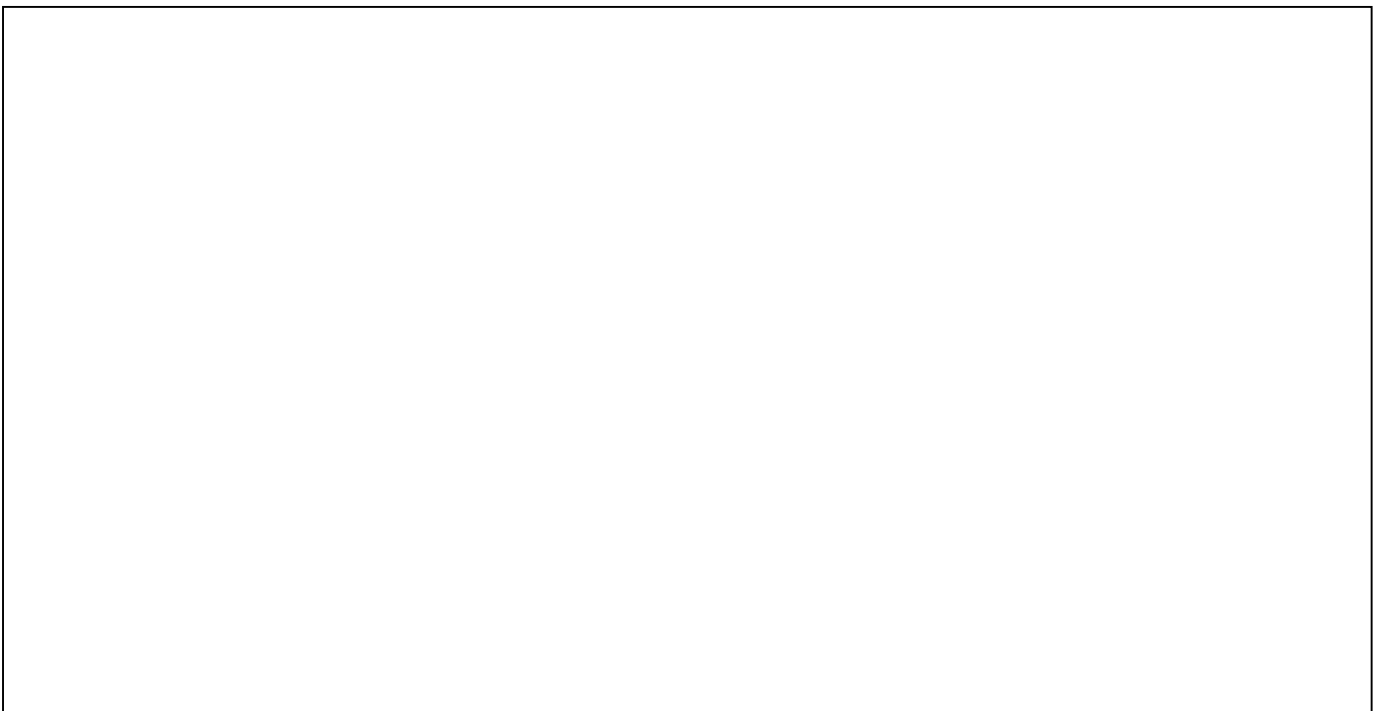


# TIGER MOTH 30



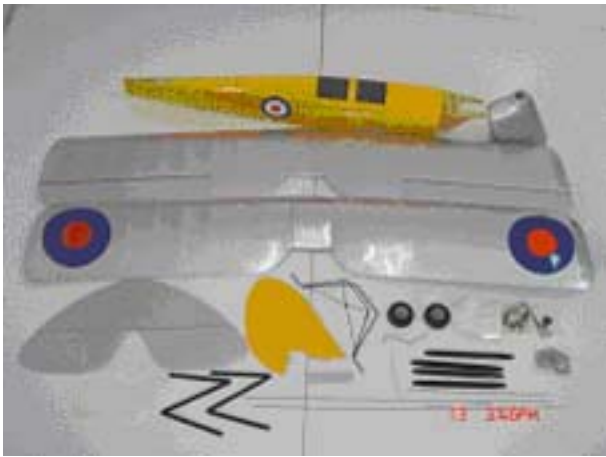


Fig 1

1.figure 1 shows the content in box.



Fig 2

## .2.Aileron Installation

Remove the ailerons from the wing panels.  
Add C.A. Glue to the hinges and push them about half way into the ailerons.



Fig 3

3.Fit the ailerons in place ,and make sure the ailereons are moving freely.  
Add C.A. glue to all hinges.



Fig 4.

4. Use scaple to remove excess covering for wing struts.

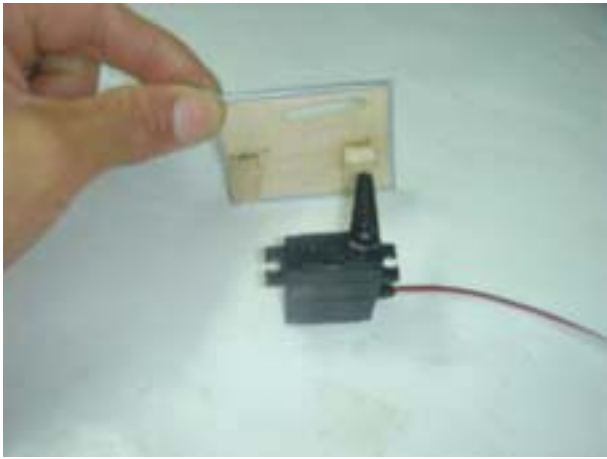


Fig 5

### 5. Aileron servo installation

Using Epoxy to glue the blocks for servo.

Two 17g servos are equired.



Fig 6

6. secure servo by screws provided by servo company.

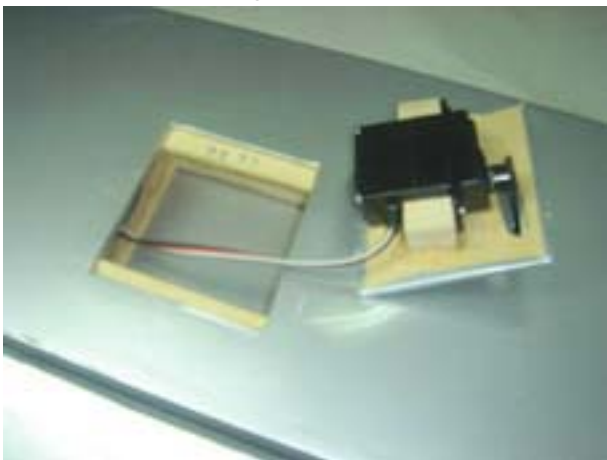


Fig 7

7. Set servo in wing as shown



Fig 8

Measure and mark the position of the aileron horns.



fig 9

Drill 2mm holes and tighten horn by two 2.3x12mm tapping screws.



Fig 10

10. Measure and mark length of push rod.



fig 11

11. Cut and bend wire as shown.

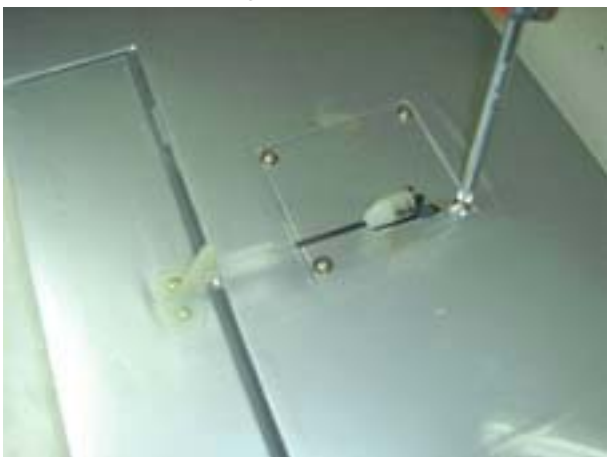


Fig 12

12. Drill fixing holes into each corner of the hatch and thru into the mounting rails. Secure the hatch in place using four 2.2mm screws.



Fig 13

13.Remove covering by scapel for servo wire exists.

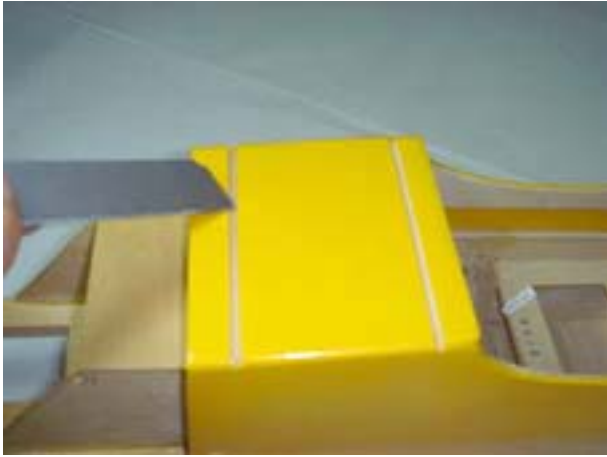


Fig 14

14. Landing Gear installation  
Remover excess covering from bottom of fuselage.



Fig 15

15. parts for landing gear.



Fig 16

16.Position the wire landing gear as shown.  
Drill eight 1.5mm holes .

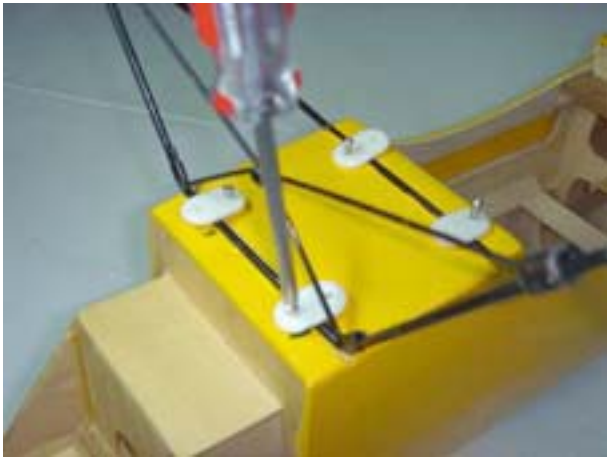


Fig17

17. Tighten and landing gear wire by four nylon fasteners and 2.3mmx12mm tapping screws provided.



Fig 18

18. Thread onto the axles the nylon wheel spacers.



Fig 19

Add the wheels and secure wheels by collars provided.



Fig 20

20. Locate the rudder and elevator pushrod tube exits at the rear of fuselage.



Fig21

21. Position the stab , and parellel to wings at front.



Fig 22

22. Remove covering to show the slot for fin.



Fig23

23. slip the stab to fuselage platform and the fin to fuselage.

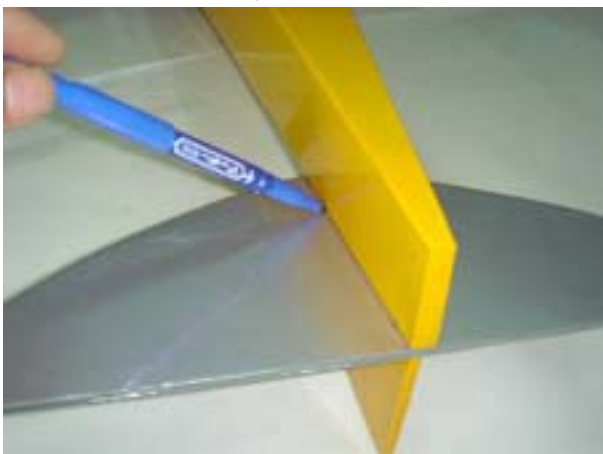


Fig 24

24. Mark the stab.



Fig25

25. Remove excess covering .



Fig26

26. Mark and remove covering for fin installation.



Fig 27

27. Exposed bare wood for best glue bond.



Fig 28

28. Apply epoxy to stab platform.

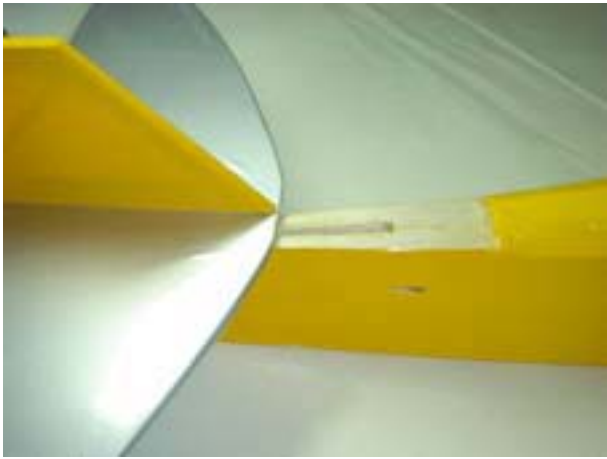


Fig 29

29. Slip the stab onto the platform.



Fig30

30. secure the position by applying C.A. glue.



Fig31

31. Remove covering from the rudder hinge line where the elevator joiner crosses.



Fig 32

32. Elevator installation

Repeat procedures as aileron installation.



Fig 33

33. Apply CA. glue to the hinges line.



Fig34

34. Apply CA glue to rudder .



Fig 35

35. Parts for pushrod.



Fig 36

36. Mark and secure the nylon horns by tapping screws provided.



Rudder horn installation

Fig37



38. Elevator pushrod installation.

Fig 38



39. Tail wheel assembly installation.

Fig 39



40. Parts for wing struts

Fig 40



Fig 41

41. Using soldering iron to remove covering for wing struts locations.



Fig42

42. Probe holes on the struts.



Fig 43

Probe holes for wing struts.



Fig 44

44. Windshield installation

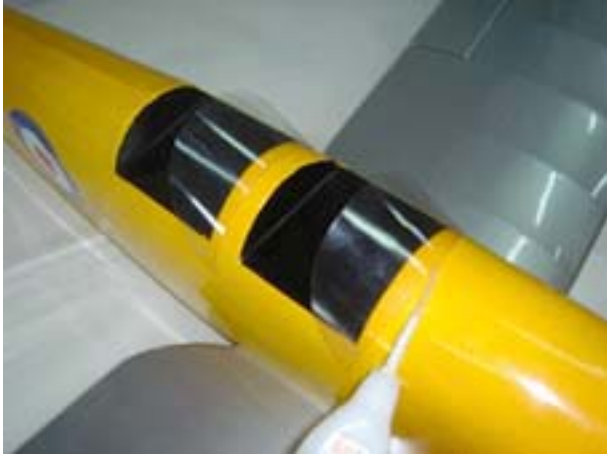


Fig 45

45. Apply CA glue to fix windshield.



Fig 46

46. Use machine screws 3mm to position the wing struts.



Fig 47

47. Wing struts plastic brackets.

Push into the slots the strut fixing plates. Glue the plates in place using epoxy.



Fig 48

48. Tighten struts by 3mm tapping screws.



49.Fuel tank

-Fig 49



50.Complete fuel tank

-Fig 50



51.Engine installation

Measure the length of cowl which will long enough to fit the engine used.

Fig51



52.Cut out holes on cowl

Fig52



Fig 53



Fig 54

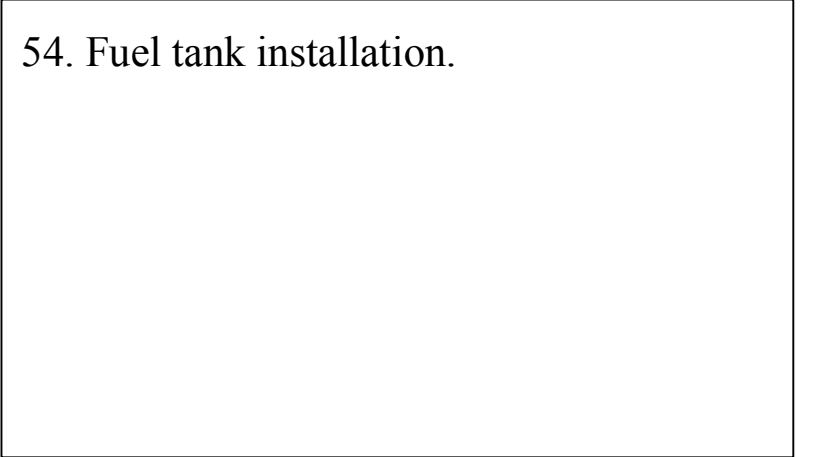


Fig 55

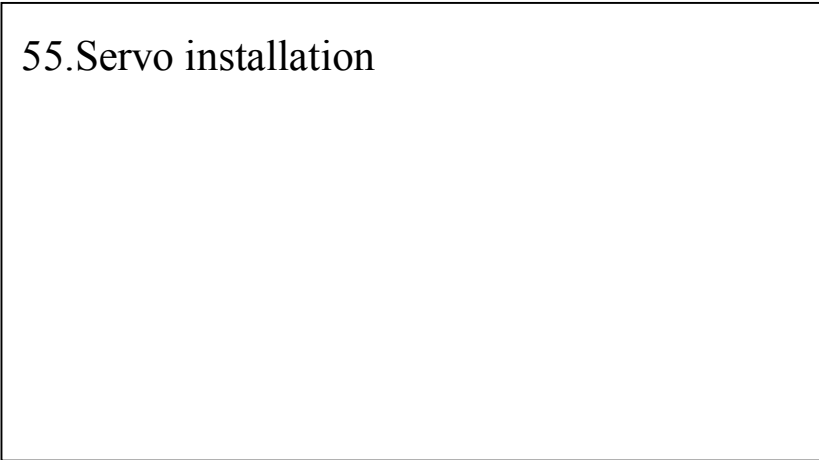


Fig 56

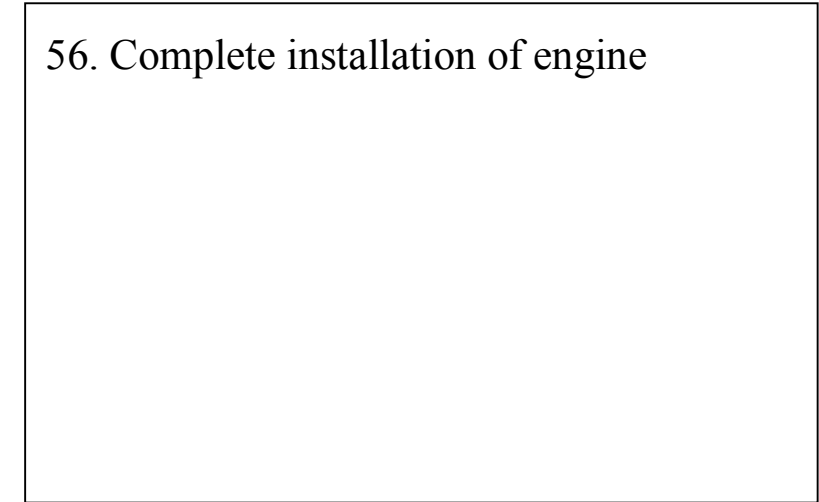




Fig57

### 57.Cowling installation

Using six 2.3x6mm tapping screws to fit cowling.



Fig 58

### 58.Installation of propeller.



Fig 59

59.Use epoxy to glue the doubler to wing panel



Fig 60

60. Using two provided nylon screws to fit the wing along with the doubler to fuselage.



Fig 61

61. Wing struts installation.

Using two 3x12mm machine screws and nuts to tighten wing struts.



Fig 62

62. Lower wing struts installation.

Using four 3x12mm machine screws to tighten wing struts (no nuts required since bind nuts have been installed).



Fig 63

63. Tiger Moth ready to fly. Set the C.G on Bottom Wing at 1-1/2" back from the leading edge of the bottom wing.