

RADIO CONTROL MODEL
HURRICANE

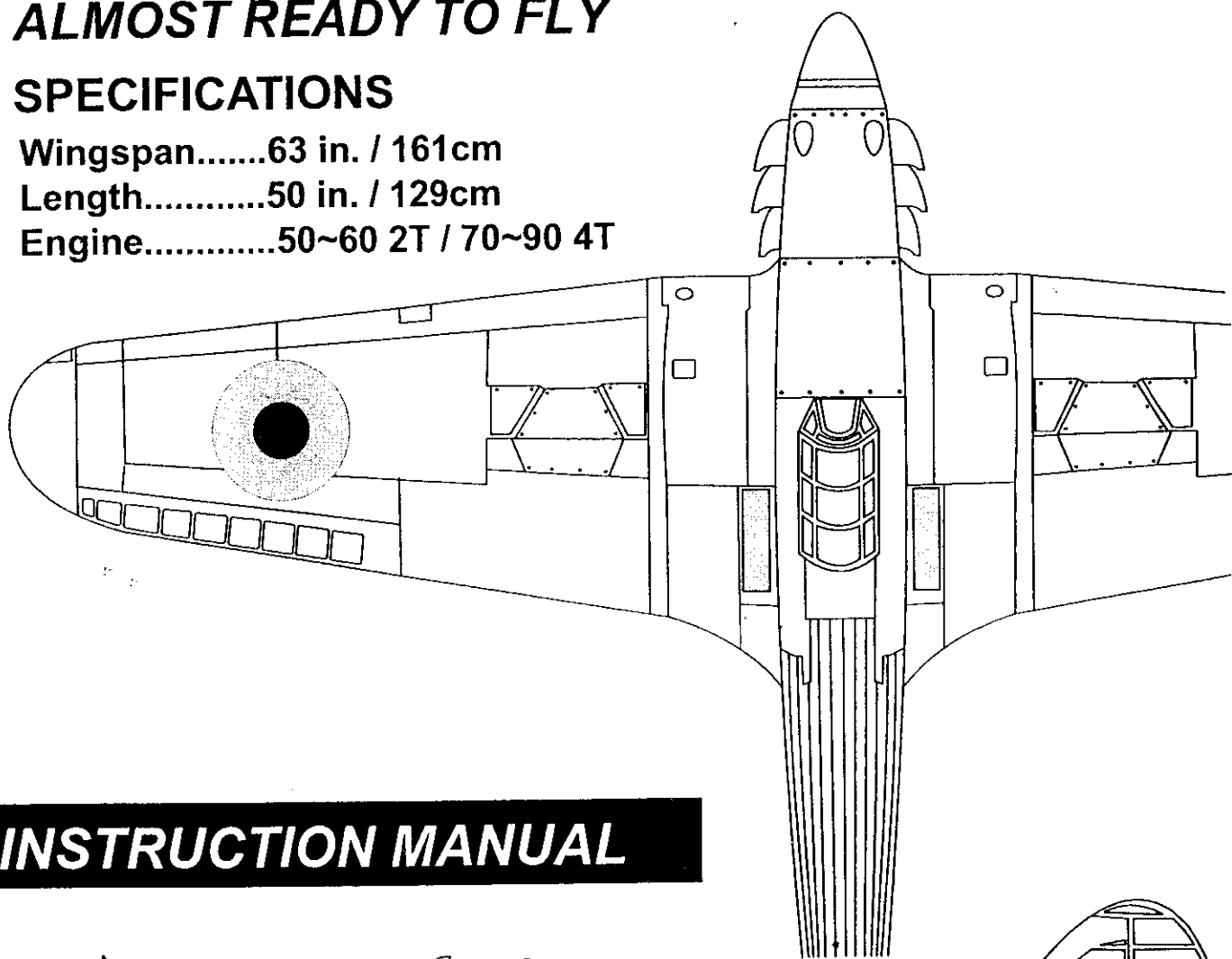
ALMOST READY TO FLY

SPECIFICATIONS

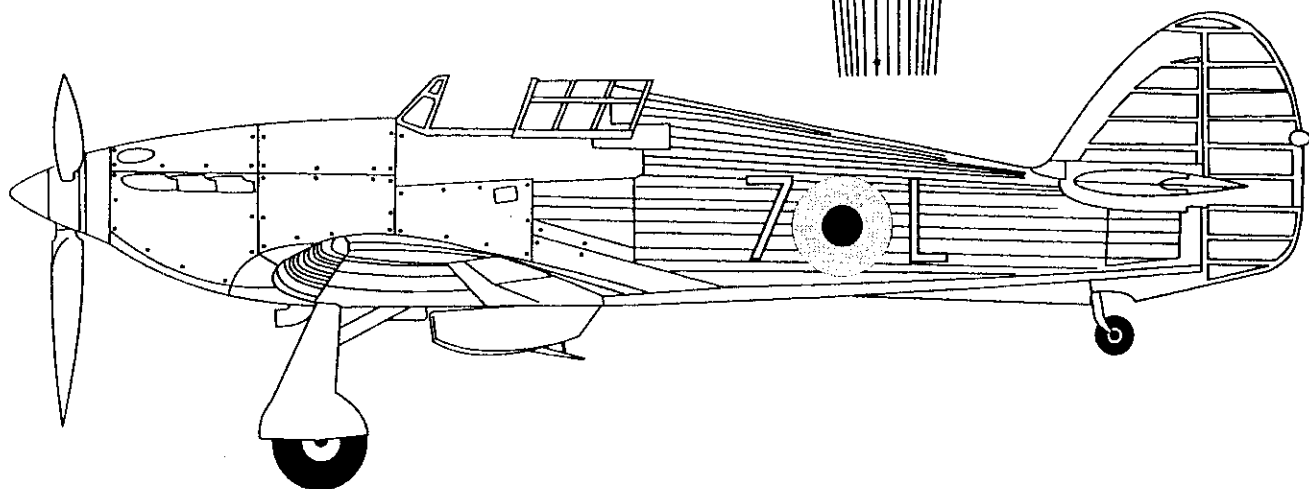
Wingspan.....63 in. / 161cm

Length.....50 in. / 129cm

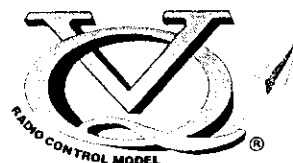
Engine.....50~60 2T / 70~90 4T



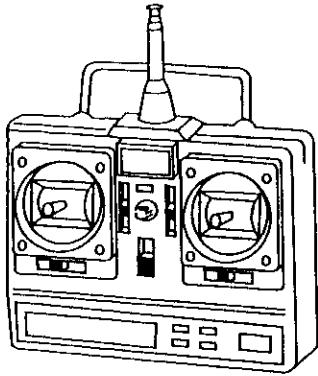
INSTRUCTION MANUAL



WARNING! This radio control model is not a toy. If modified or flown carelessly it could go out of control and cause serious bodily injury or property damage.
Before flying your airplane, ensure the air field is spacious enough.
Always fly it outdoors in safe areas with no debris or obstacles.



REQUIRED FOR OPERATION (Purchase separately)



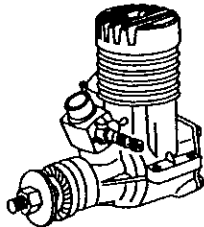
Minimum 6 channel radio for airplane / 7 servos



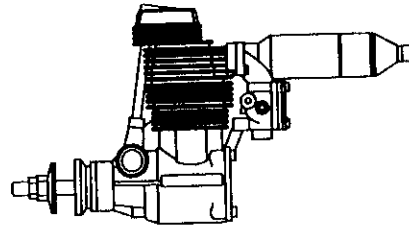
12x6 for .60 - 2 cycle engine
13x7 for .90 - 4 cycle engine



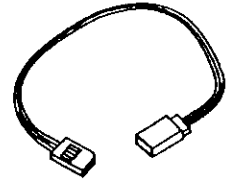
Silicone tube



.50 ~ .60 - 2 cycle



.70 ~ .90 - 4 cycle



Extension for aileron servo

GLUE



Cyanoacrylate Glue



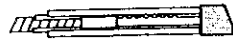
Silicon Glue



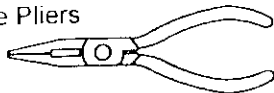
Epoxy Glue (30 minutes type)

TOLLS REQUIRED (Purchase separately)

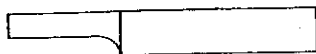
Hobby knife



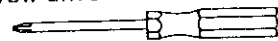
Needle nose Pliers



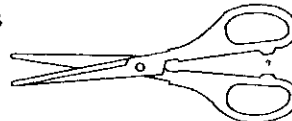
Sander



Phillip screw driver



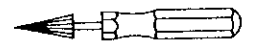
Scissors



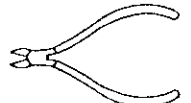
Hex Wrench



Awl

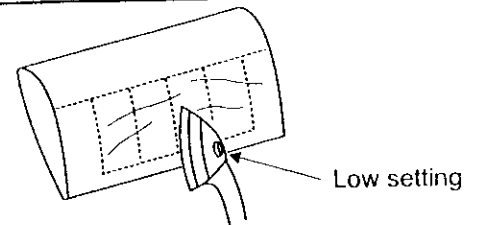



Wire Cutters




The pre-covered film on ARF kit may wrinkle due to variations of temperature. Smooth out as explained right.


* Use an iron or head gun. Start as low setting. Increase the setting if necessary. If it is too high, you may damage the film





 Drill holes using the stated size of drill (in this case 1.5 mm Ø)


 Use epoxy glue


 Take particular care here

 Apply cyano glue

 Hatched-in areas: remove covering film carefully

 Assemble left and right sides the same way.

 Check during assembly that these parts move freely, without binding

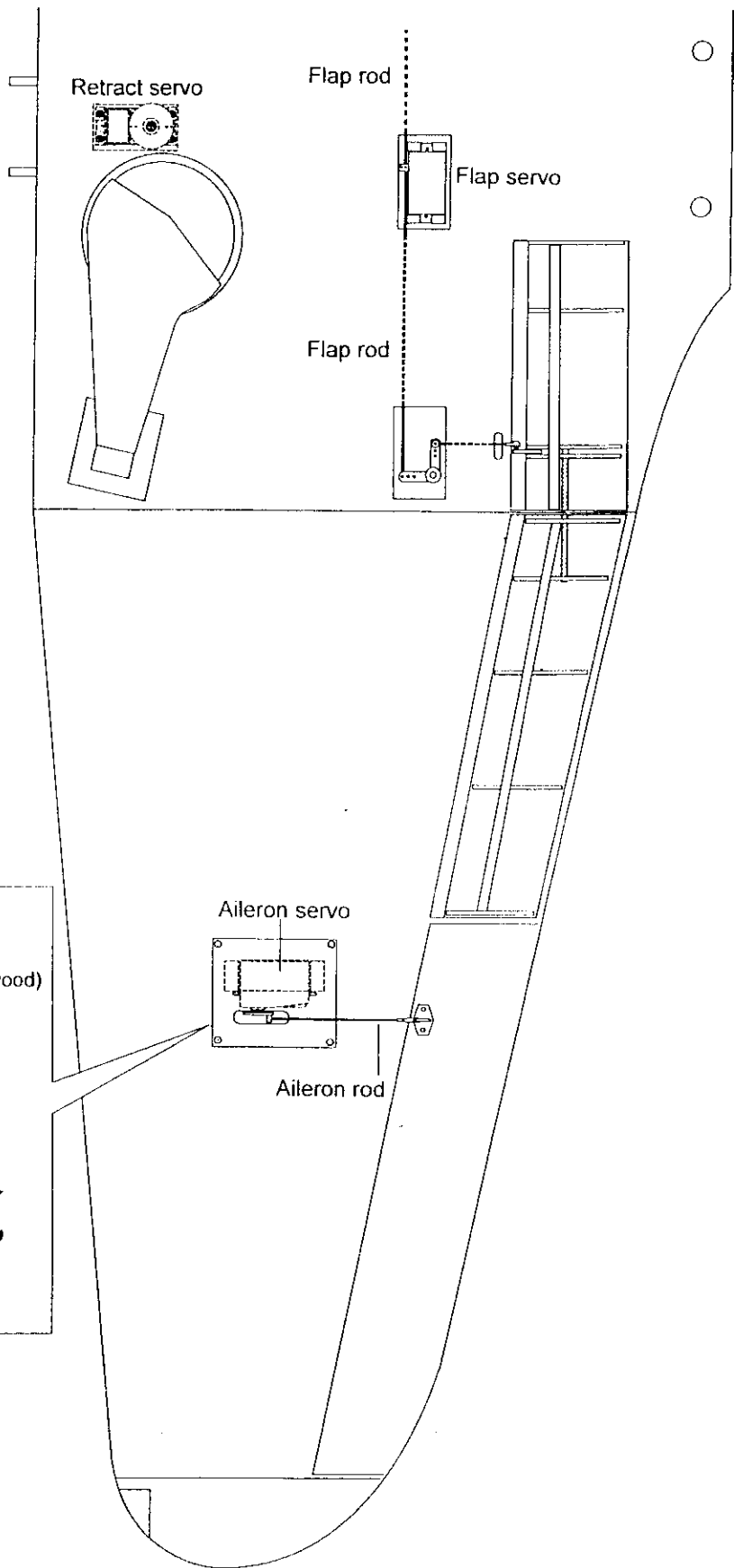
 Not included. These parts must be purchased separately

Main Wing

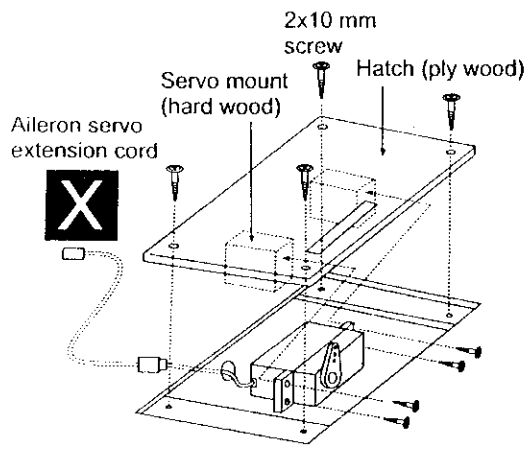
L/R

Assemble left and right wings the same way

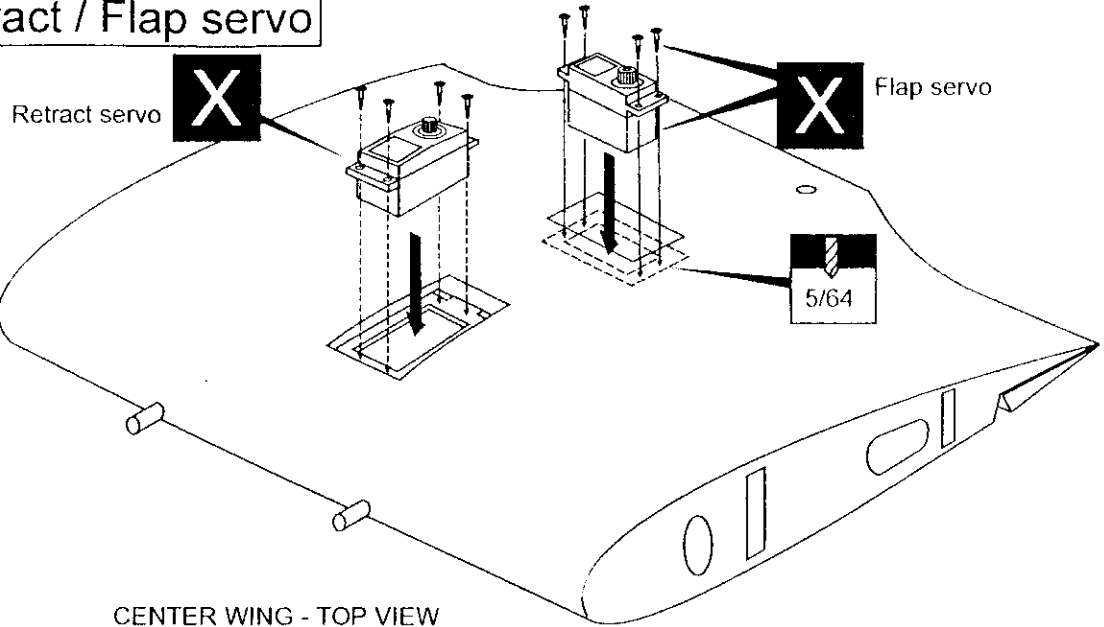
BOTTOM VIEW



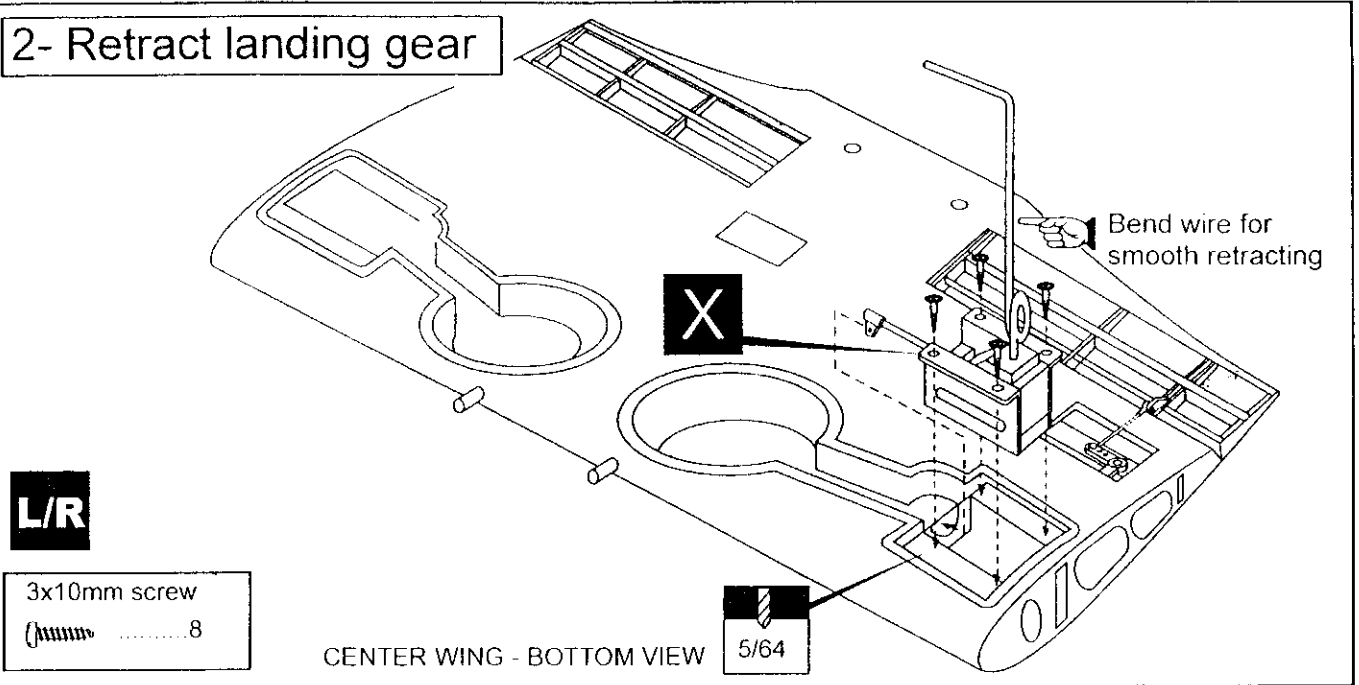
AILERON SERVO INSTALLATION



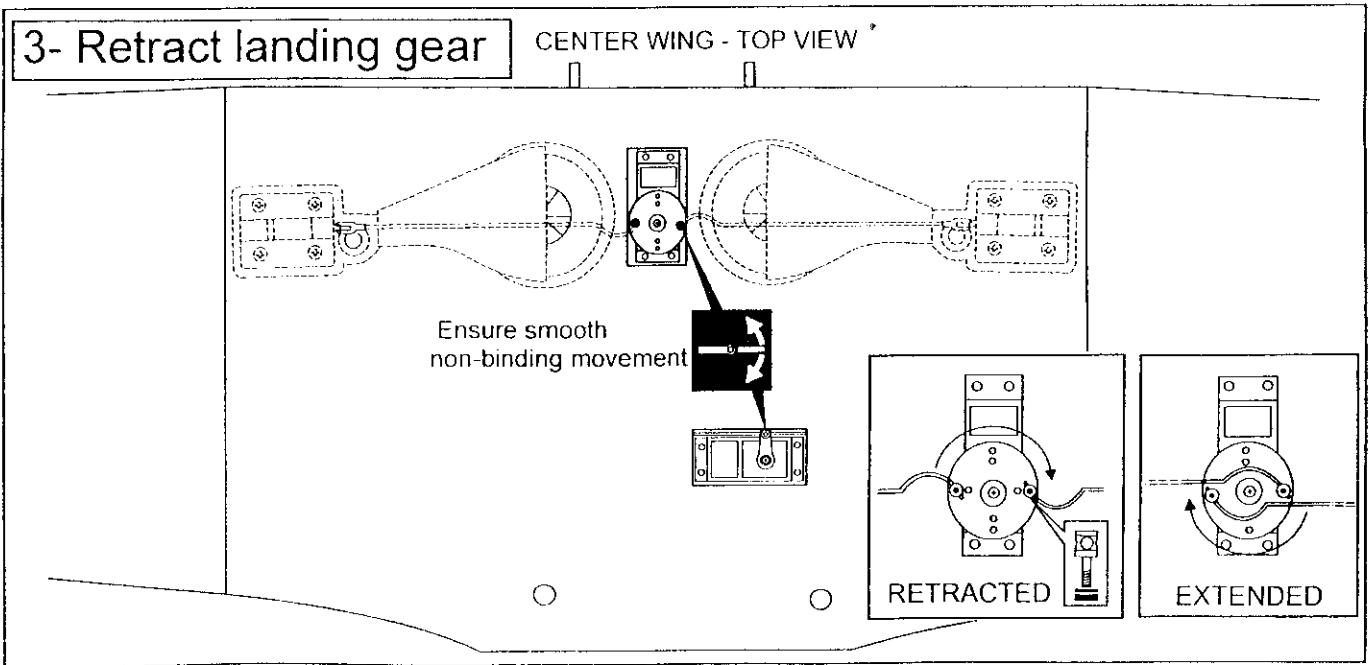
1- Retract / Flap servo



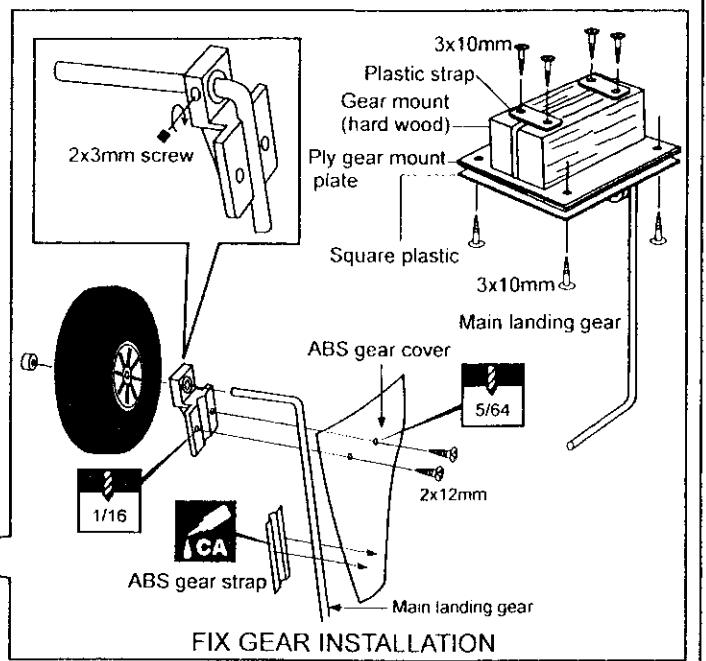
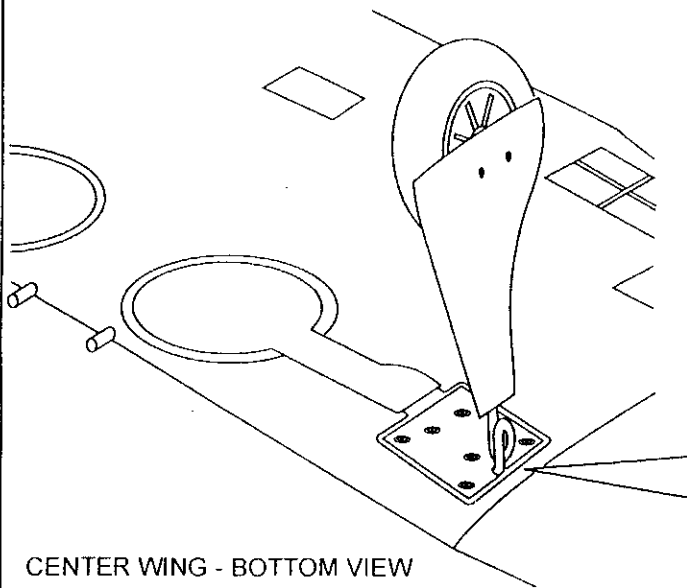
2- Retract landing gear



3- Retract landing gear

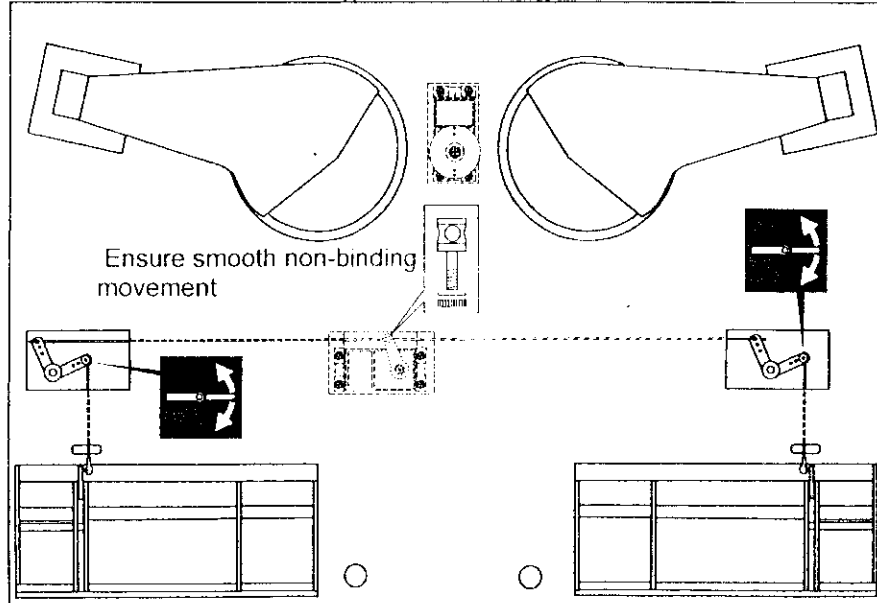


4-Center wing - Fix gear



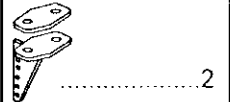
5- Center wing - Flap

CENTER WING - BOTTOM VIEW



6- Aileron servo

Plastic control horn



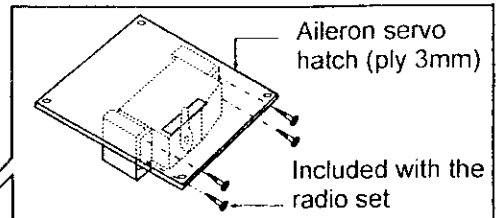
2x20mm screw



Aileron servo extension cord

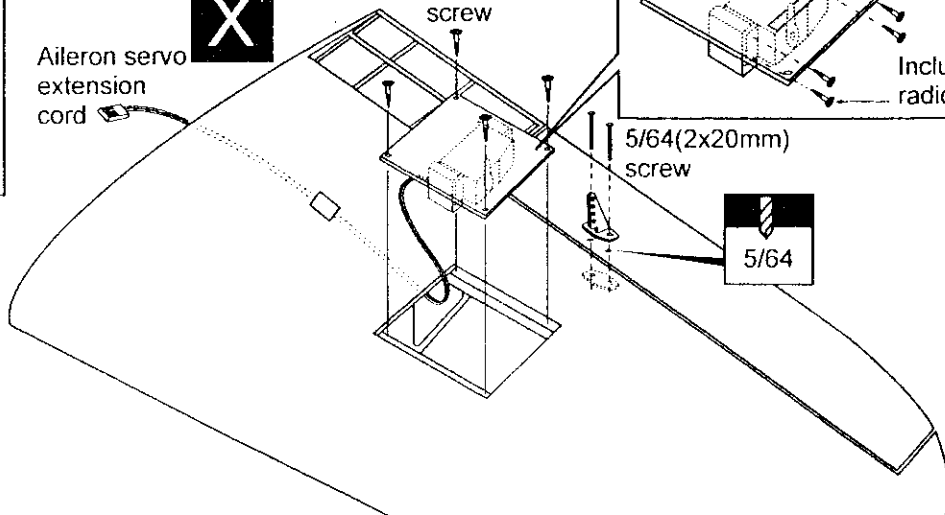


5/64(2x10mm) screw



5/64(2x20mm) screw

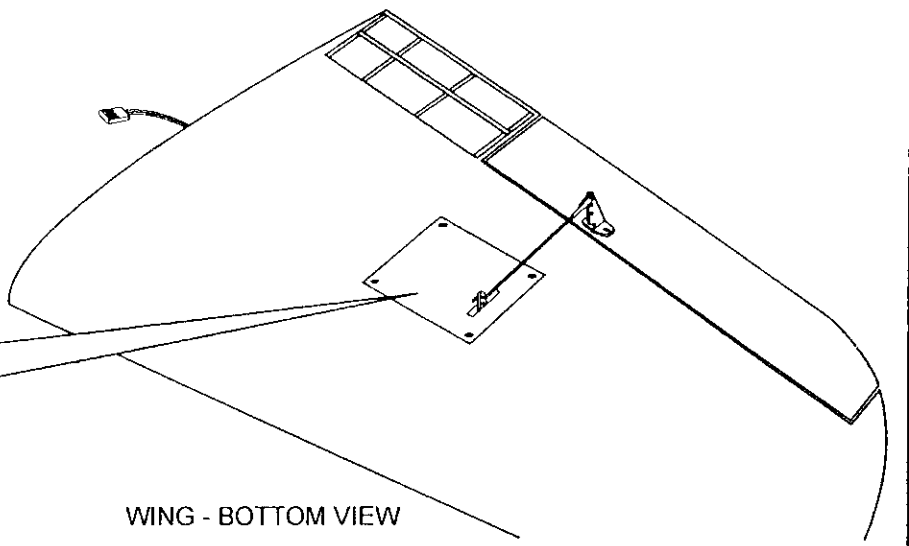
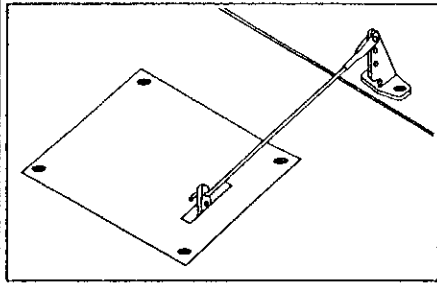
5/64



7- Aileron servo

L/R

Assemble left and right wings the same way

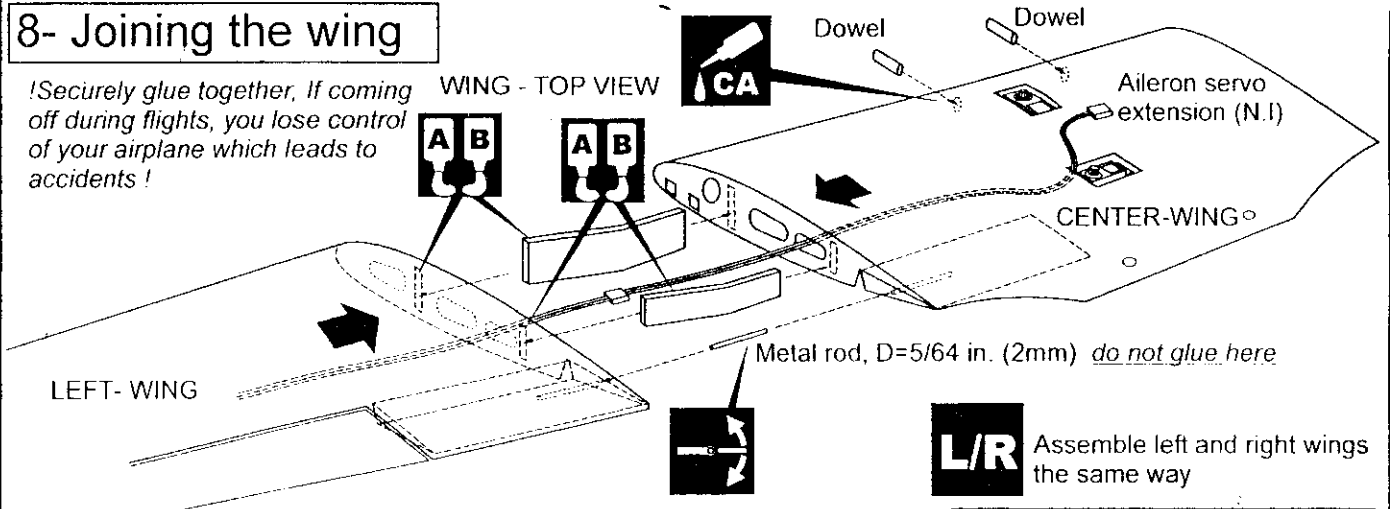


WING - BOTTOM VIEW

8- Joining the wing

!Securely glue together, If coming off during flights, you lose control of your airplane which leads to accidents !

WING - TOP VIEW



L/R

Assemble left and right wings the same way

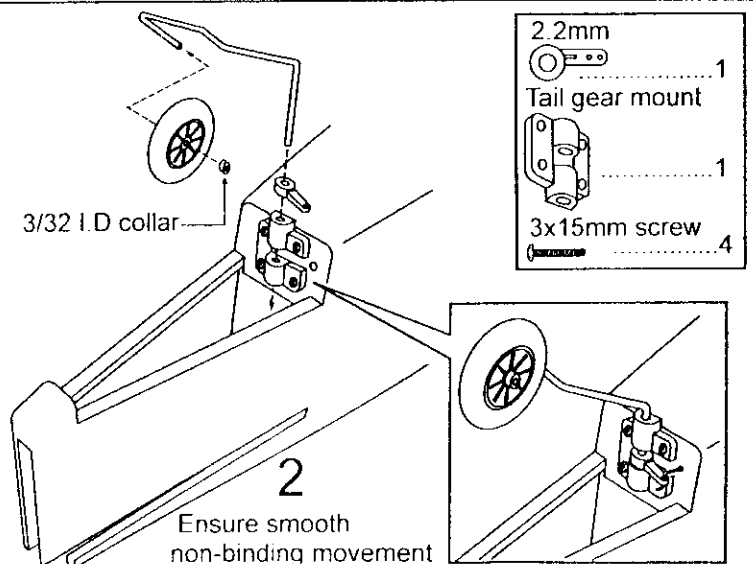
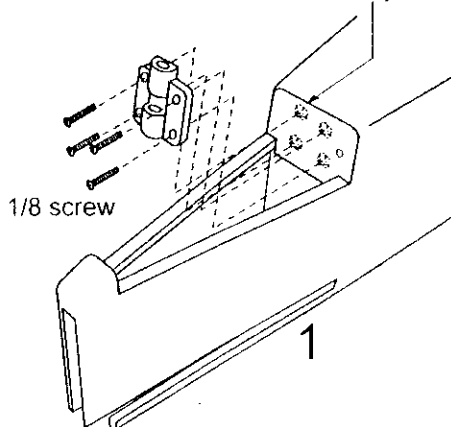
- 1- Trial fit the wing joiner, into one of the wing panels. It should insert smoothly up to the center line marked. Next, slide the other wing half onto the dihedral brace until the wing panels meet. If the fit is overly tight, it may be necessary to lightly sand the dihedral brace.
- 2- Check for the correct dihedral angle
- 3- Apply a generous amount of epoxy into the wing joiner cavity of one wing half. Next, Coat one half of the dihedral brace with epoxy up to the center line. Install the epoxy-coated side of the dihedral brace into the wing joiner cavity up to the center line.
- 4- Do the same way with the other wing half. Carefully slide the wing halves together, ensuring that they are accurately aligned. Firmly press the two halves together, allowing the excess epoxy to run out. Clean off the excess epoxy with alcohol and a paper towel.
- 5- Apply masking tape at the wing joint to hold the wing together securely while the epoxy cures. (Or using litter CA glue)

Use epoxy glue to bury the opening



9- Tail wheel

Four nuts are installed at factory.

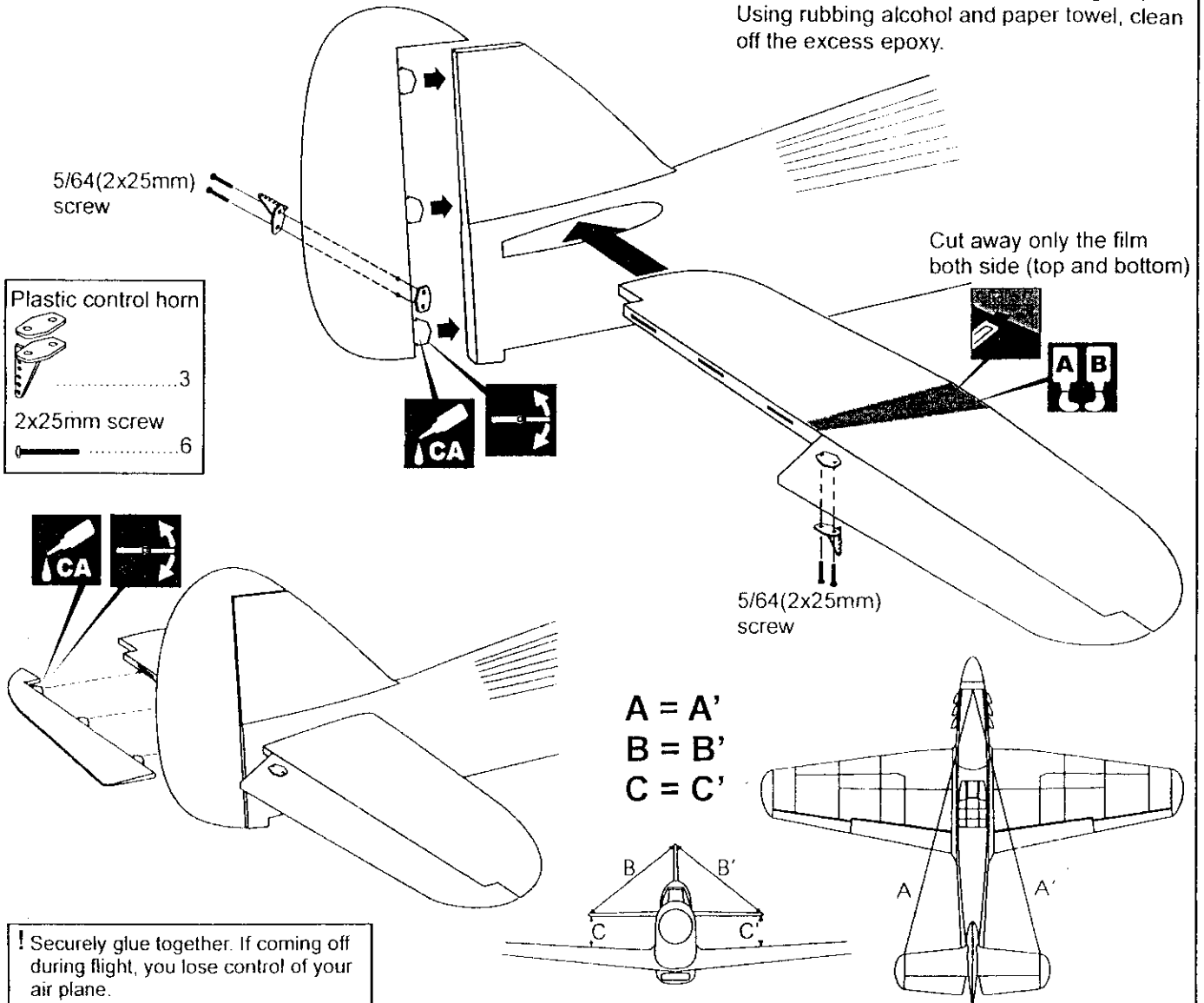


Ensure smooth non-binding movement

10- Vertical / Horizontal Tail

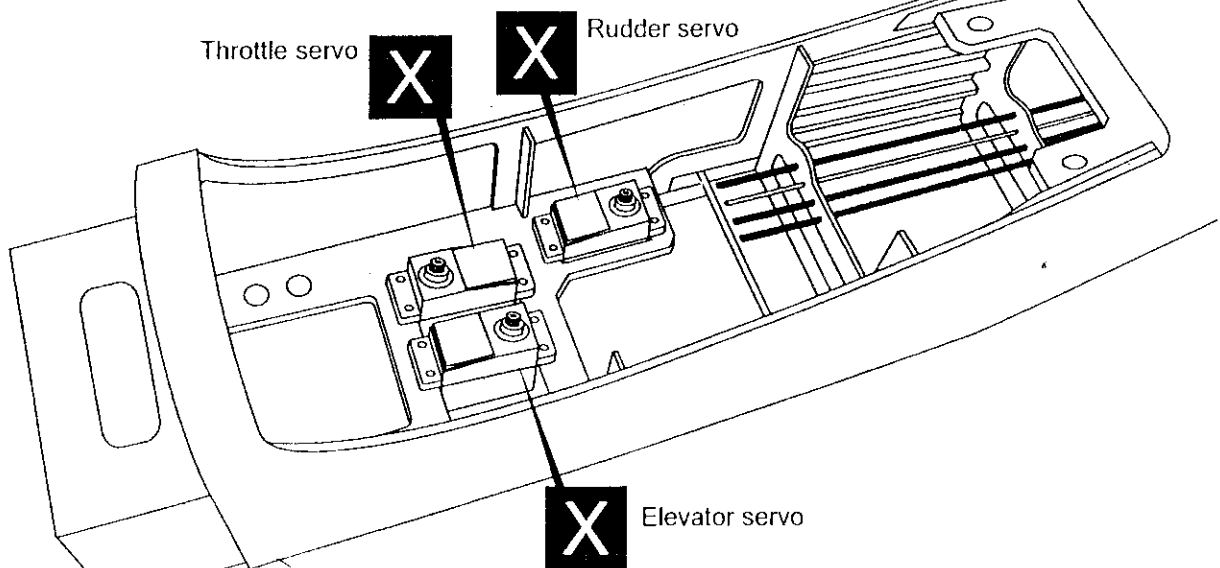
☐ Trial fit each part before gluing. Be certain that there are no gaps. If the parts will join, but with a gaps, sand or trim the parts a little at a time until the parts meet exactly with no gaps.

- ☐ When joining the stabilizer it is extremely important to use plenty of epoxy (30 minutes) or CA glue (thin type)
- ☐ Carefully slide the stabilizer into the fin, ensuring that they are accurately aligned, Using rubbing alcohol and paper towel, clean off the excess epoxy.





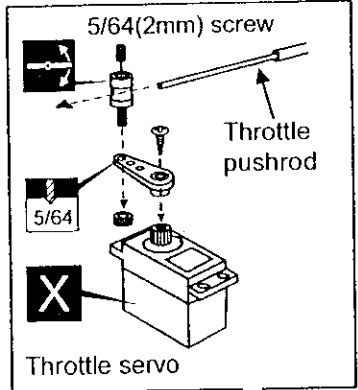
11- Servo installation

BOTTOM VIEW

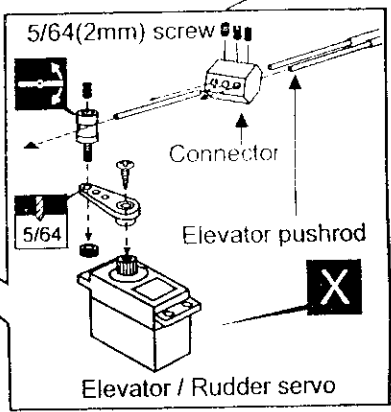
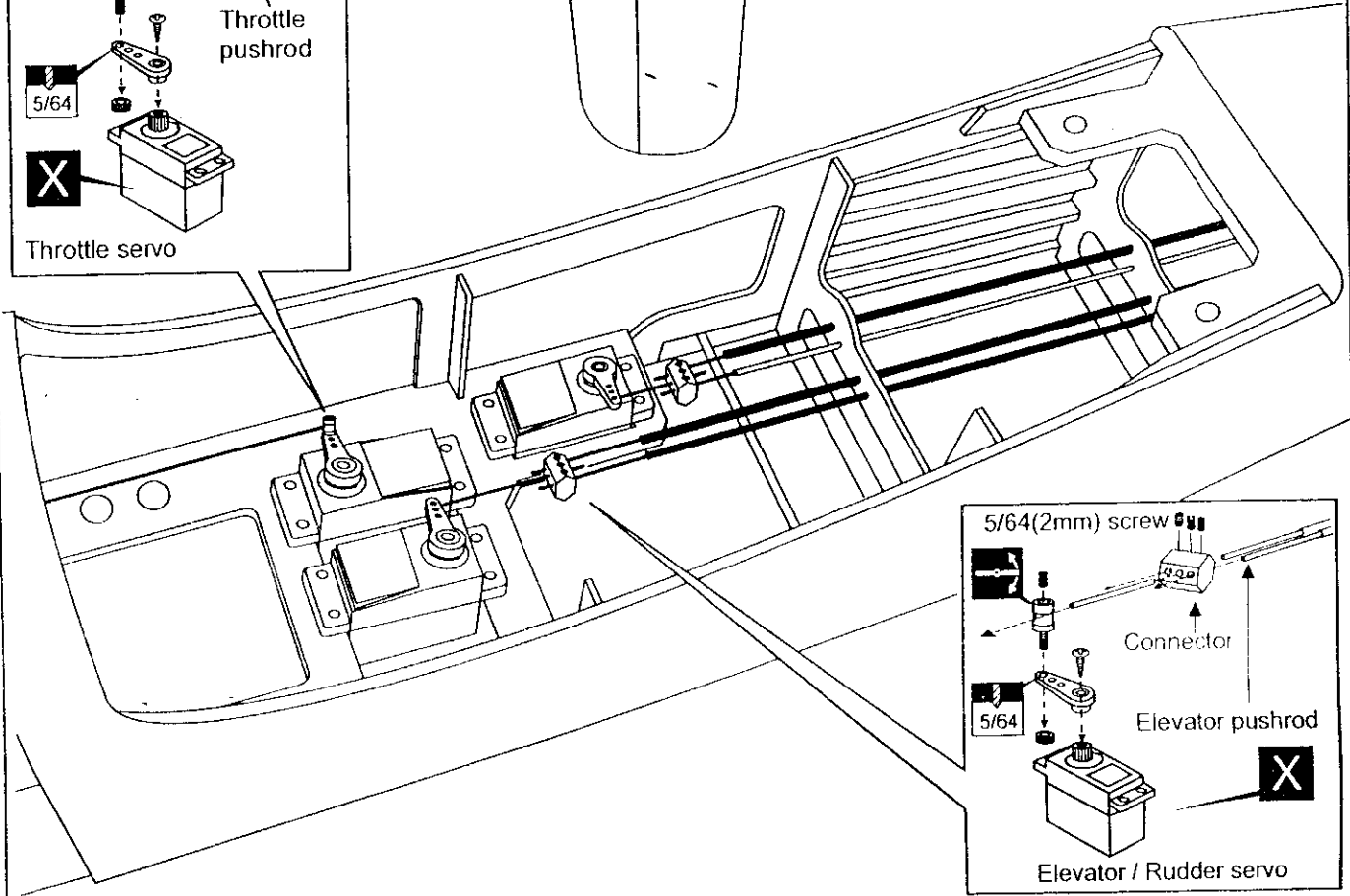
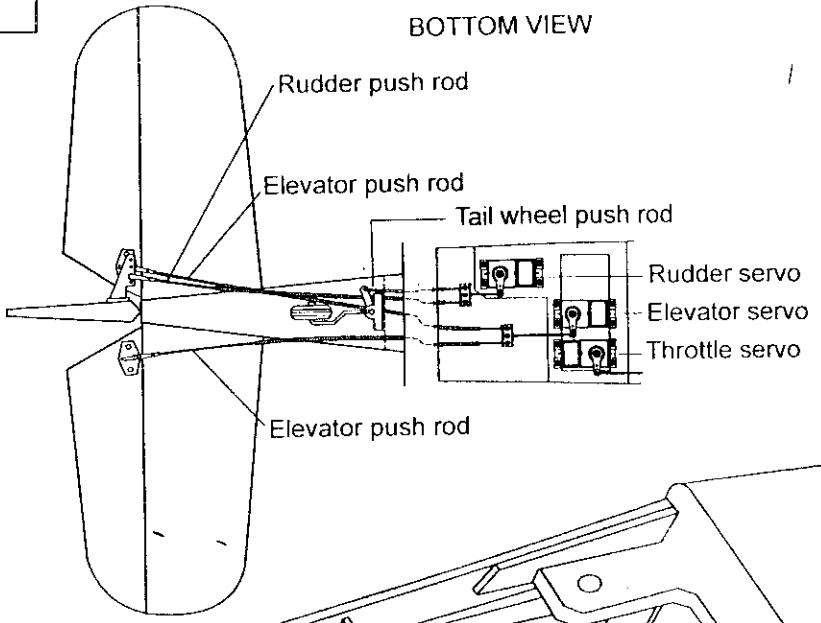


12- Push rod

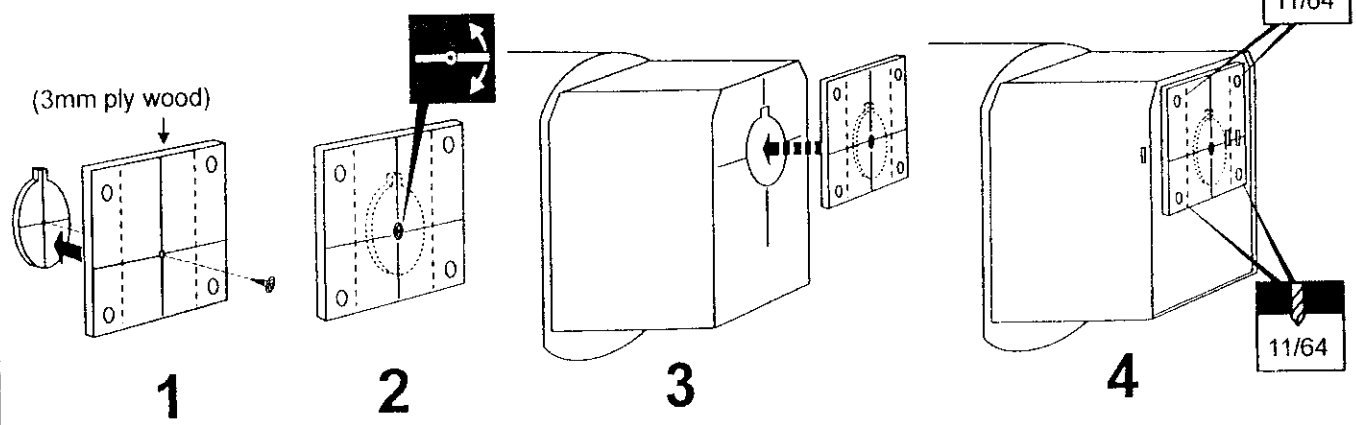
- Connector 2
- Connector 2



BOTTOM VIEW



13- Engine mounts



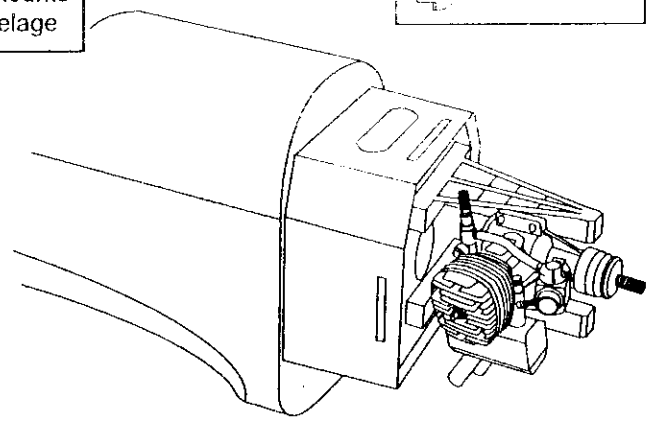
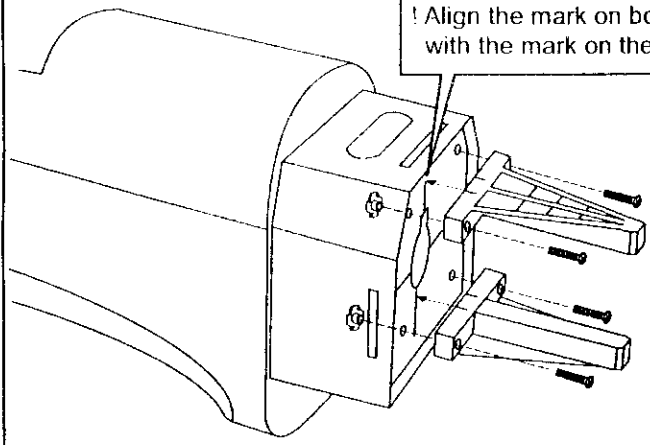
Engine thrust on balk head is already adjust at factory

14- Engine mounts / Engine

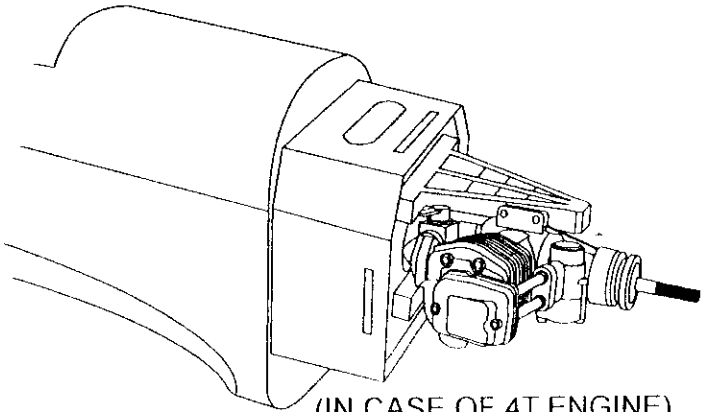
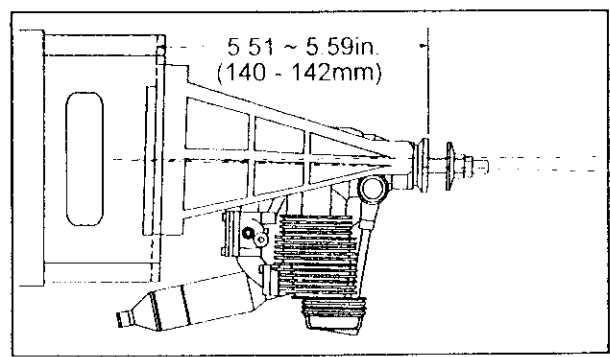
! Engine thrust on balk head is already adjust at factory

4x25mm screw4
Blind-nut4

! Align the mark on both mounts with the mark on the fuselage

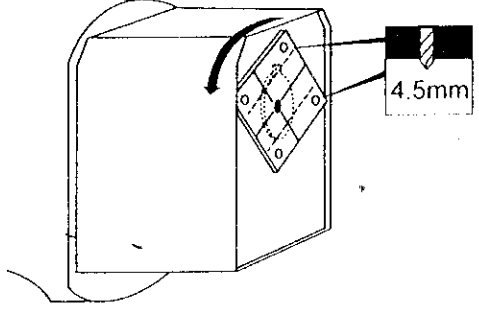
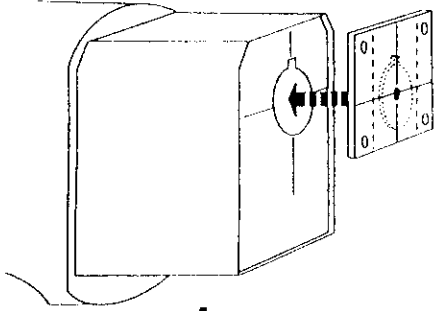


(IN CASE OF 2T ENGINE)

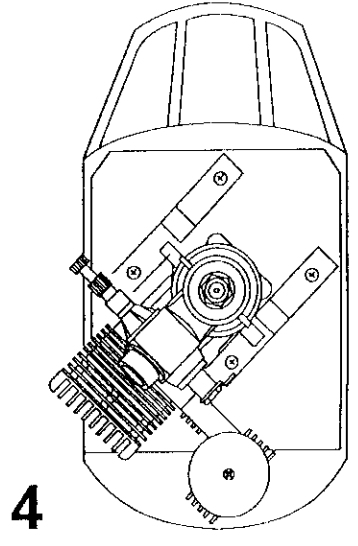
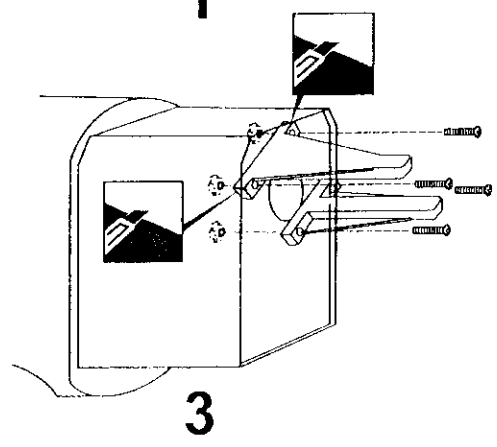


(IN CASE OF 4T ENGINE)

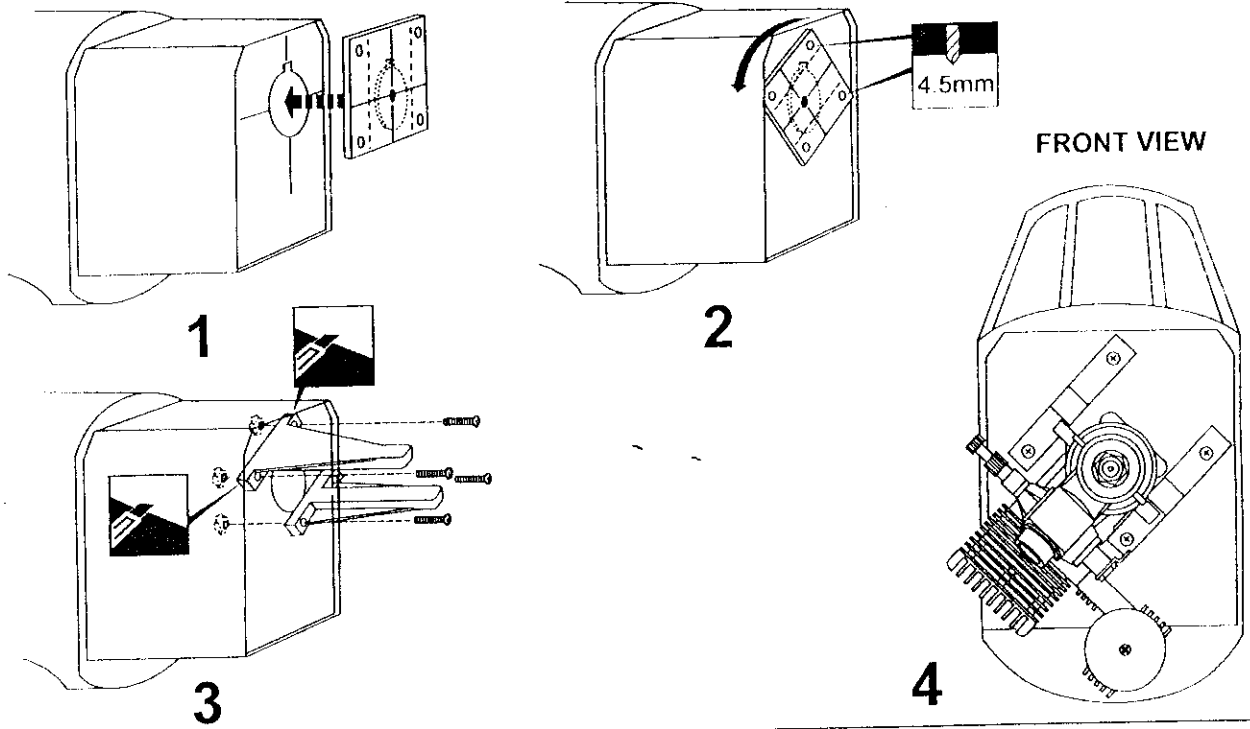
15- Engine mount / Engine



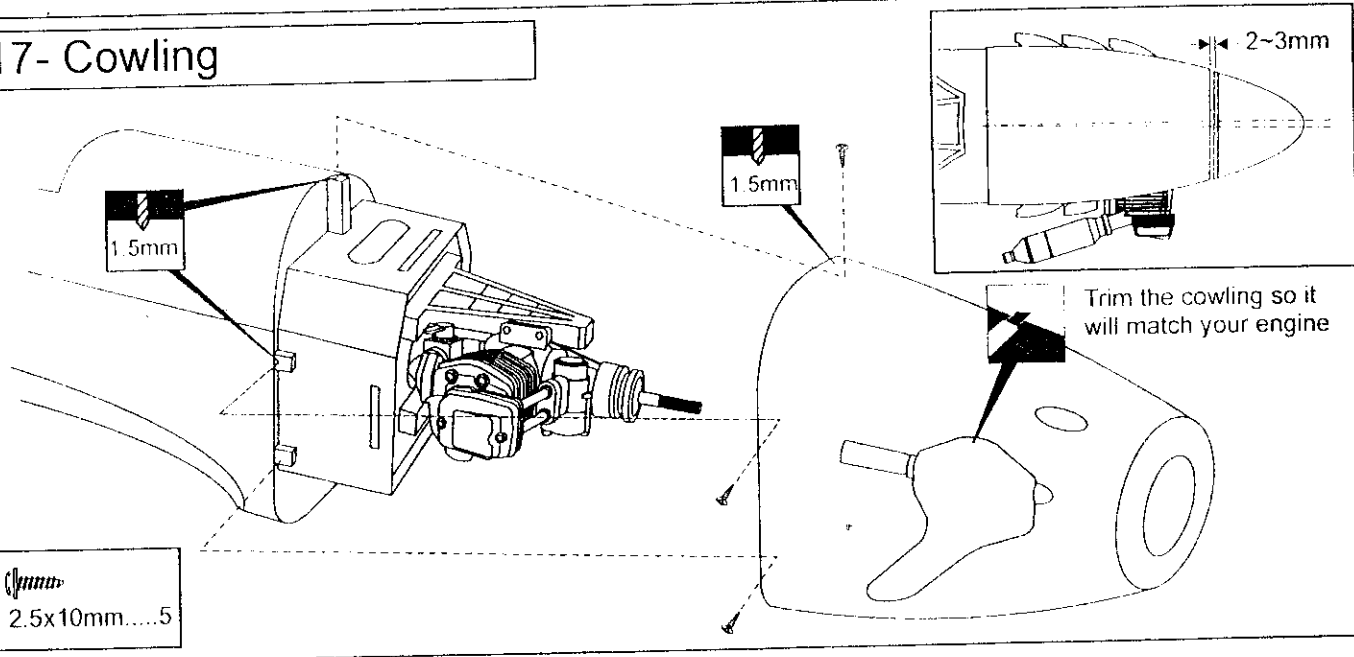
FRONT VIEW



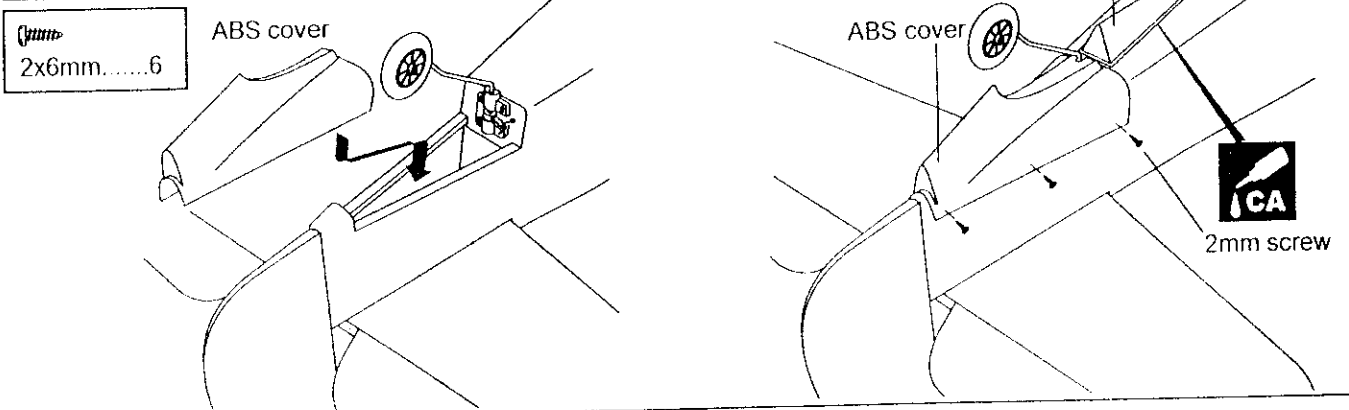
16- Engine



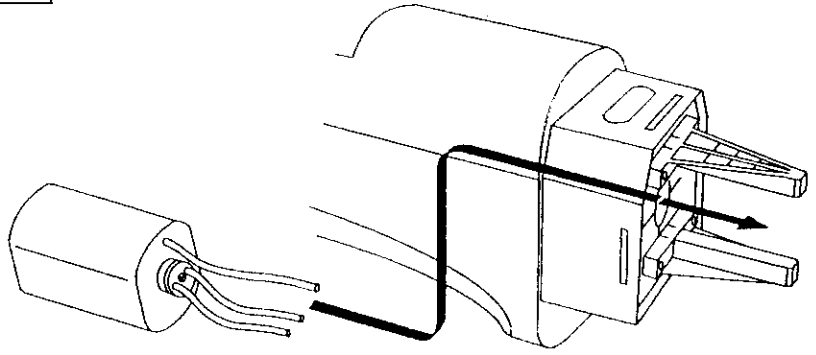
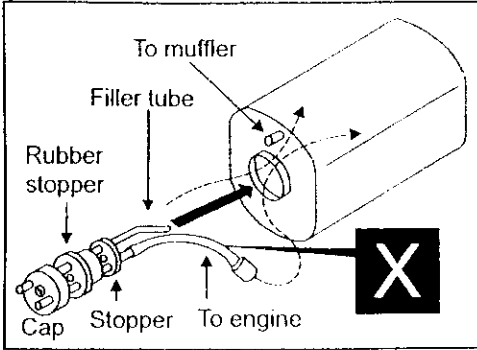
17- Cowling



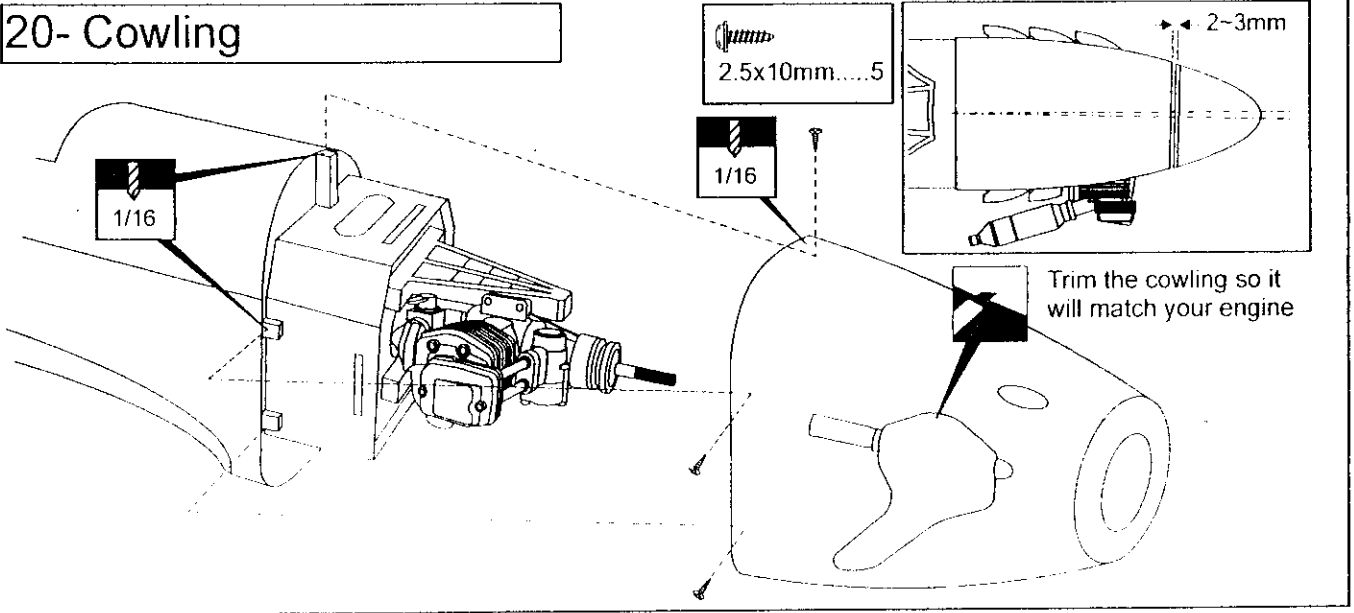
18- ABS Cover



19- Fuel tank / Engine

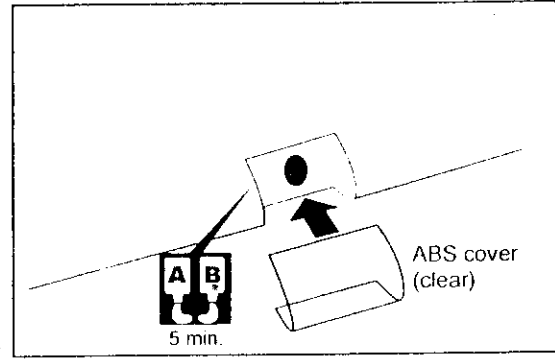
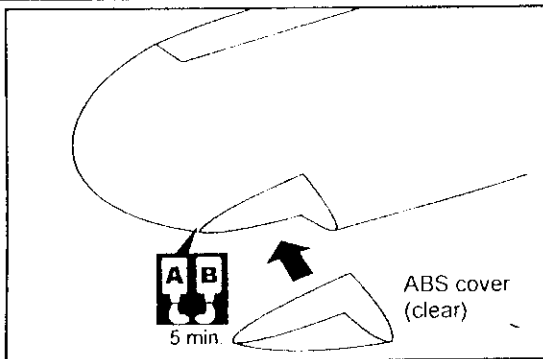


20- Cowling

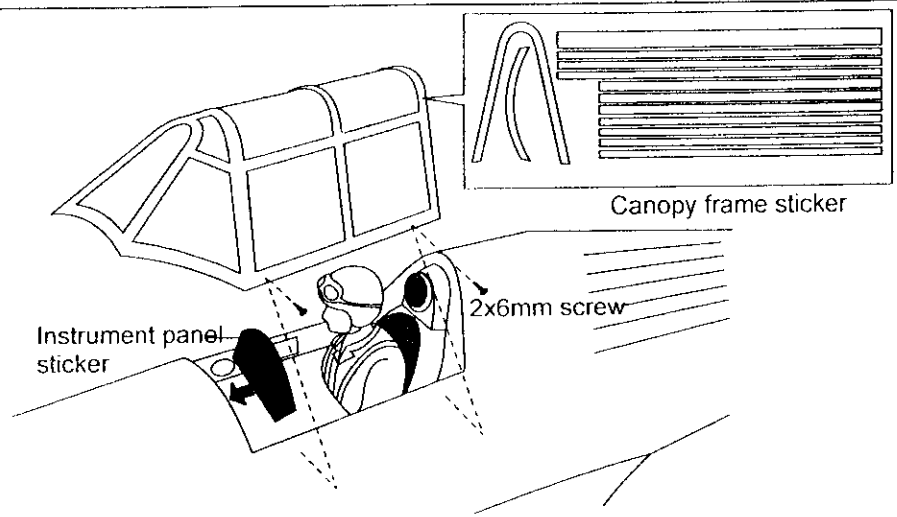
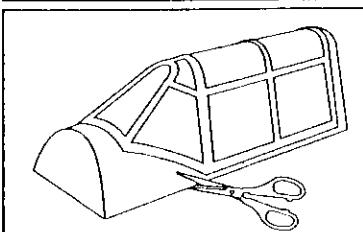
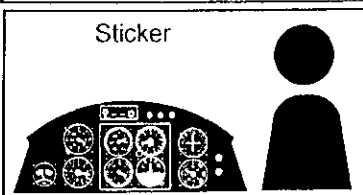


21- Light

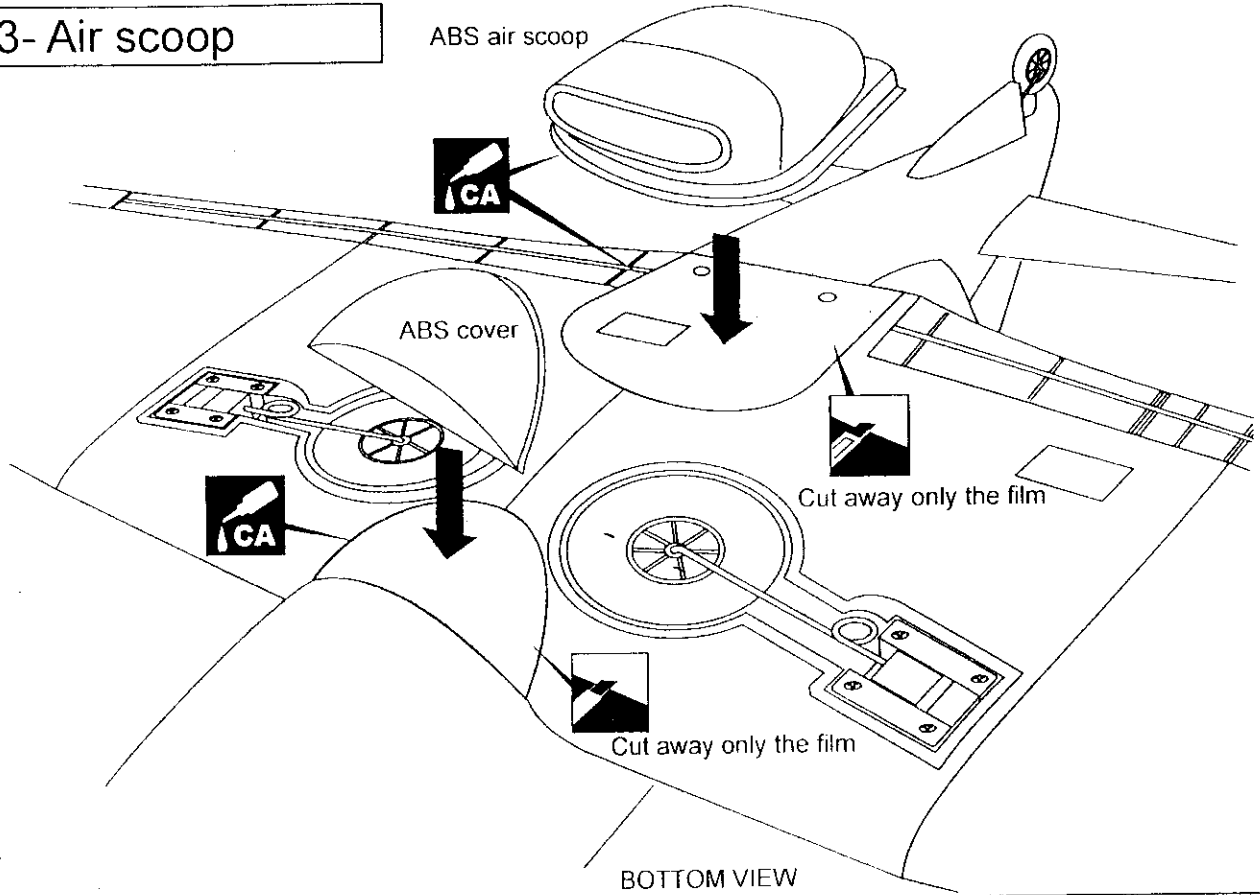
Do not use CA glue to much or it will make the ABS light cover white



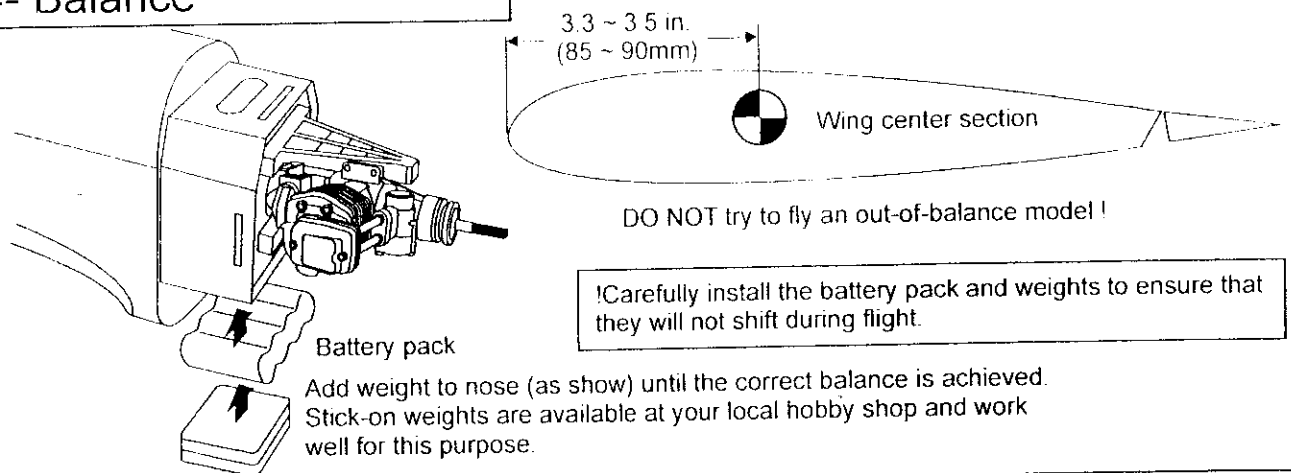
22- Canopy



23- Air scoop



24- Balance



BEFORE FLYING CHECK EVERYTHING

Before each flight, inspect the airplane for any loose parts. Check the hinges, make sure the pushrods are still firmly attached, and check the engine mounting bolts. In general, check everything on the plane that might possibly come loose.

CHECK THE FREQUENCY BEFORE FLYING

DO NOT FLY NEAR A POWER LINE

The power lines cause radio interference, so avoid flying near them.