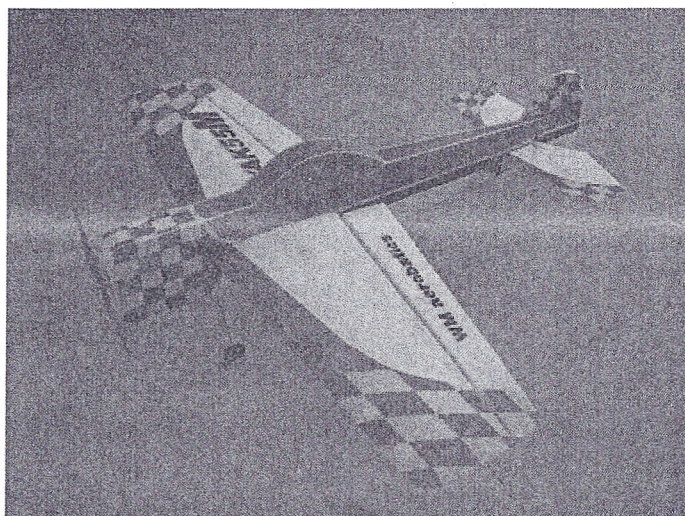
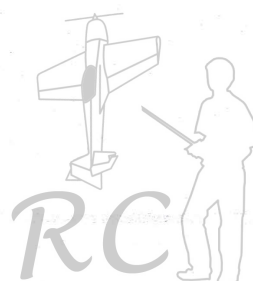


# WM SEPP series electric model airplane

## Instruction manual



**WM aerobatics**  
**MILE HIGH**

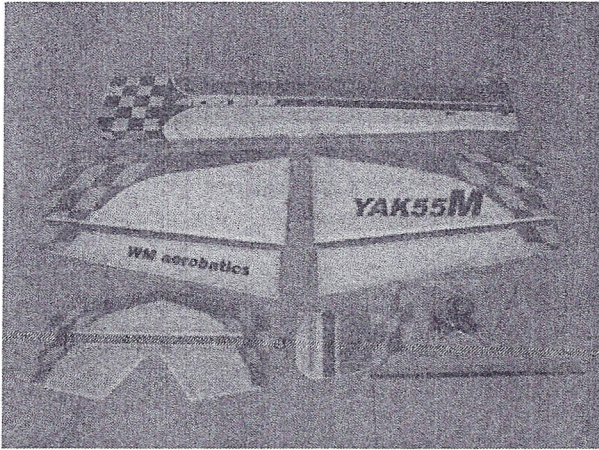


**SAFETY PRECOUTIONS:** This model is NOT a toy! First time builders and the children under twelve should seek assistance from people with model building experience to ensure the airplane is assembled correctly! Serious injury may result from the misuse of this product. You are responsible for this model's assembly and safe operation. Always stay safe during your operation.

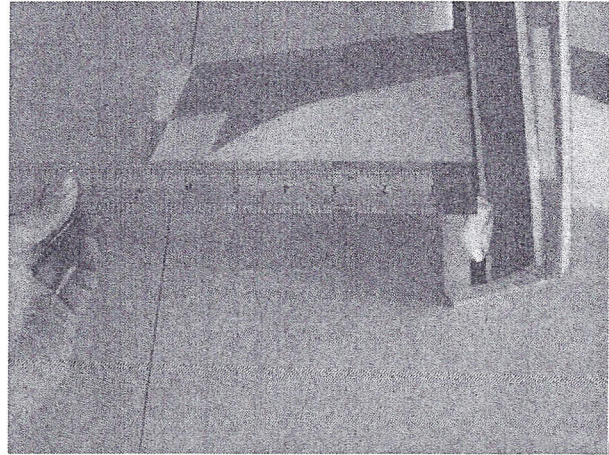


Thank you for choosing this WM aerobatics product. Please read through the instructions thoroughly before assembling this model. (With our products being improved, the images in this instruction manual may not reflect the actual model that you are assembling)

Packing list: Your package should include the following: fuselage, wing panel, aileron, stabilizer, elevator, vertical fin, rudder, landing gear parts, surface angles, and linkages (as picture 1 shown). Please check your box, if any parts lacking, please contact the distributor.



pic 1



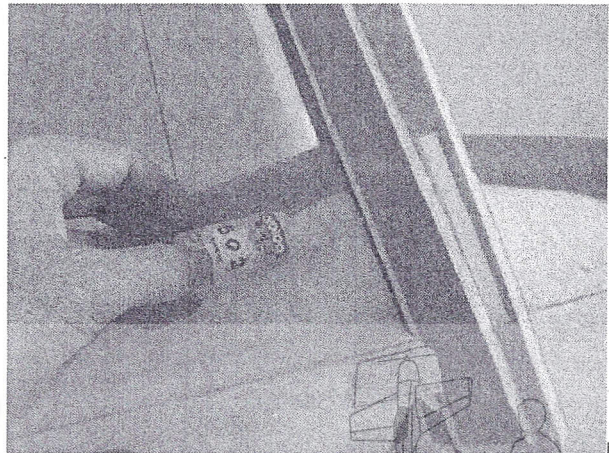
pic 2

#### Section A. Install the stabilizer

Install the stabilizer inside the fuselage. Align the stabilizer carefully ensuring the stabilizer is centered in the fuselage and 90 degrees to the fuselage sides. Then glue the stabilizer into place with 502 instant adhesive. As pic.2, 3, 4 shown.



pic 3

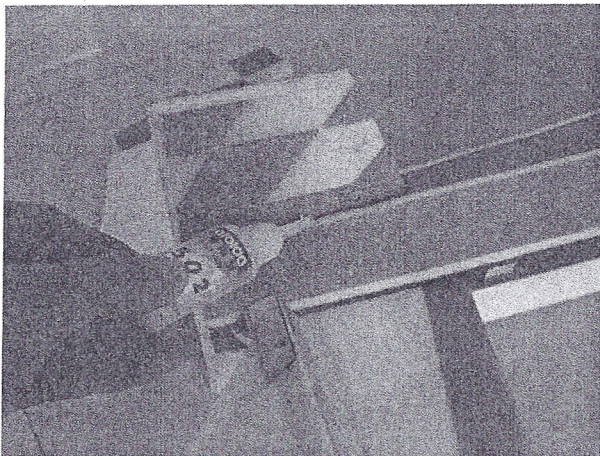


pic 4

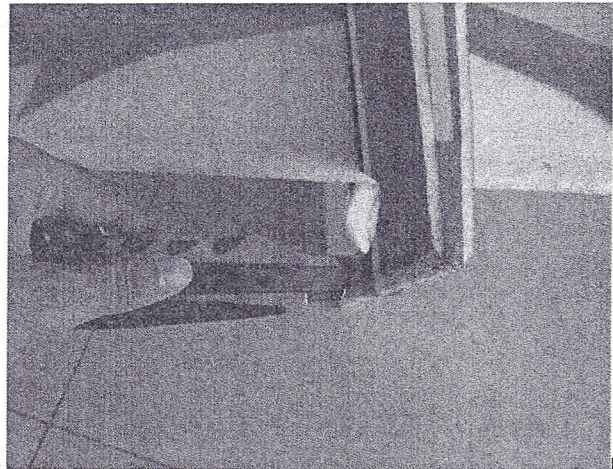
#### Section B. Install the elevator, rudder and aileron

Install the vertical fin into the slot of the fuselage. Insure the vertical fin is centered to the center of the fuselage and square to the fuselage sides and stabilizer. Then glue the vertical fin into place with 502 instant adhesive as pic.5 shown. Split the place as pic.6 shown.



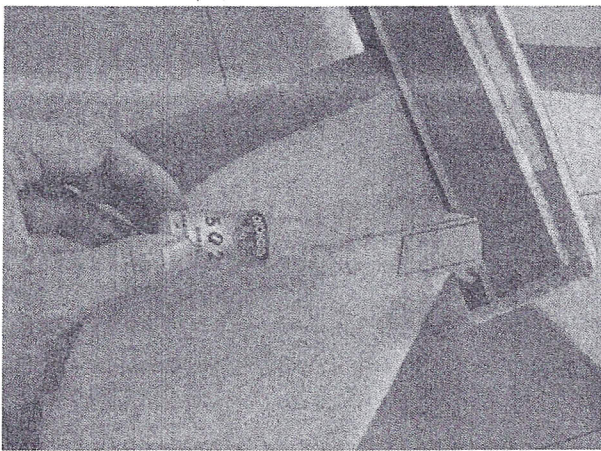


pic 5

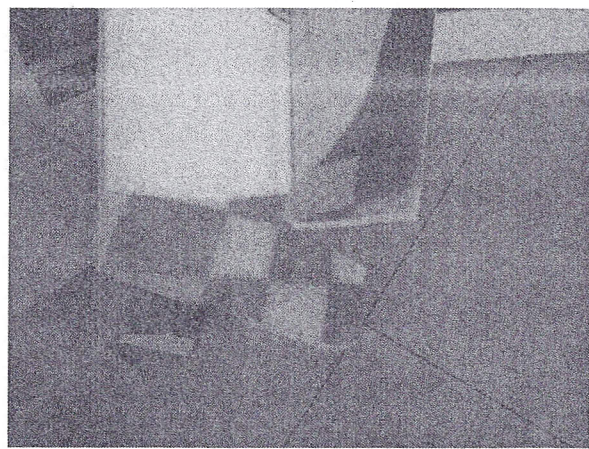


pic 6

Install the elevator into the fuselage, insert the hinges into the stabilizer, then glue the place with 502 instant adhesive (pic.7). Insure the elevator can spin to certain angle that needed. (pic.8). Locate the rudder's hinges in the same fashion as the elevator, fix the rudder to the vertical fin (pic.9).



pic 7



pic 8



pic 9



pic 10

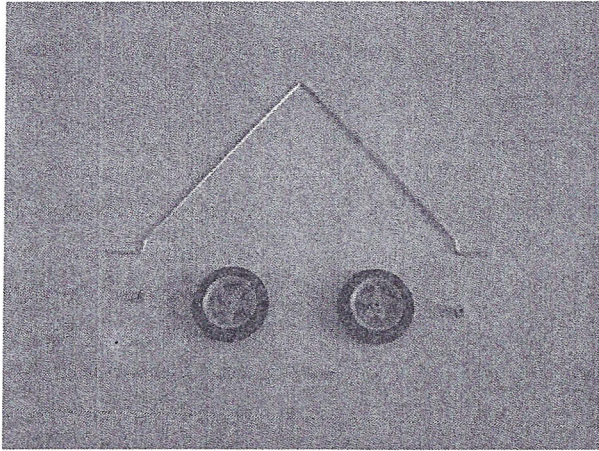
Repeat for the aileron (pic.10).



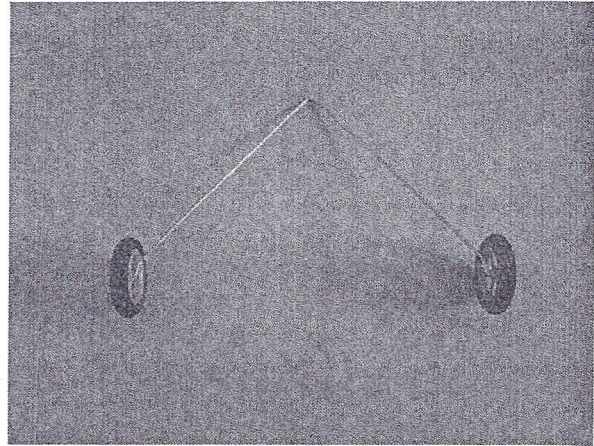
### Section C. Install the landing gear

Landing gear parts are shown as pic.11. Locate the gears on the metal wire (pic.12).

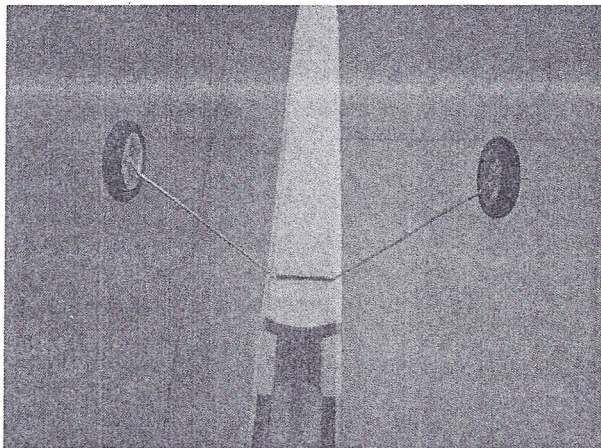
Install the landing gear into the fuselage (pic.13), insert the wooden chip into the slot (pic.14), then glue the place with 502 instant adhesive.



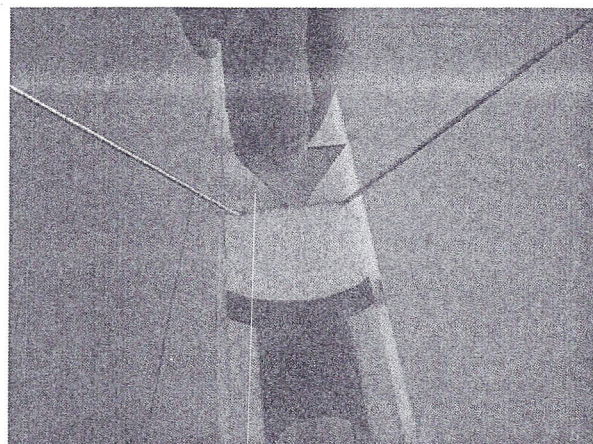
pic 11



pic 12



pic 13



pic 14

### Section D. Install the servos, angles and the linkage pushrods

Install the servo into the hole of the piece of wood, fix them with cap screws.(pic.15)

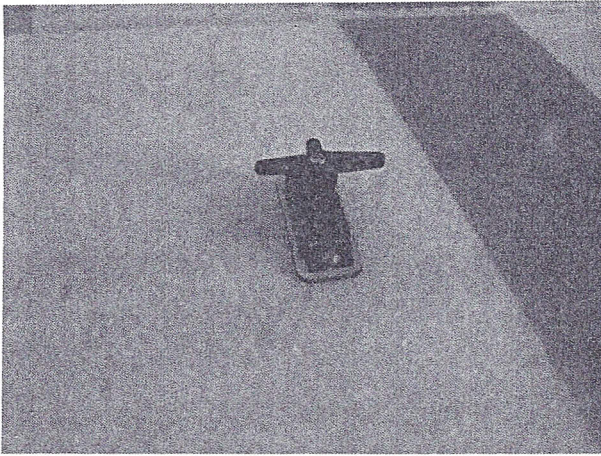
Glue the angle in the place of each surface (pic.16).

Put the shrinkable tube on the linkage pushrods, adjust the linkage pushrod to appropriate length, and heat the tube to join the two linkages (pic.17).

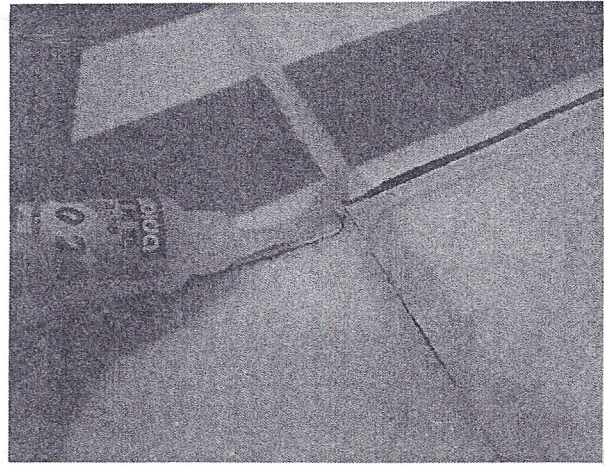
Mount the pushrods and the linkages with 502 instant adhesive. (pic.18). Joint the servo arm, linkage pushrod and surface angle as pic.19 shown.

Linkage pushrods of aileron, elevator and rudder are all assembled in the same way.

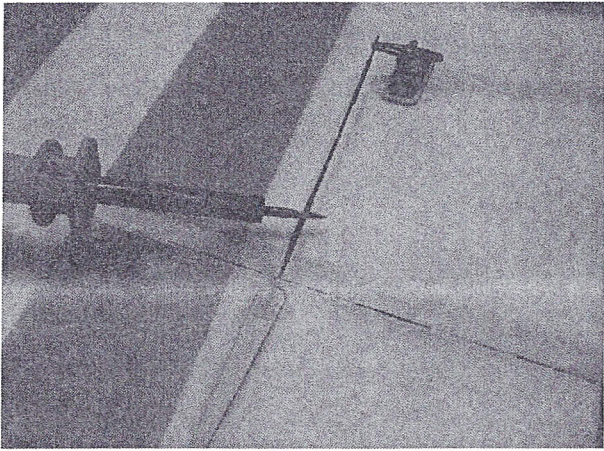




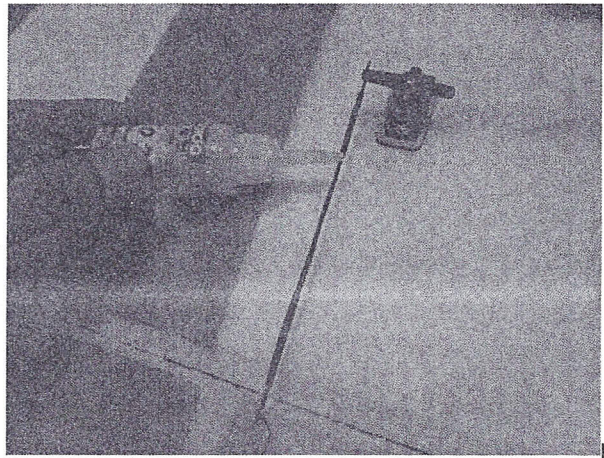
pic 15



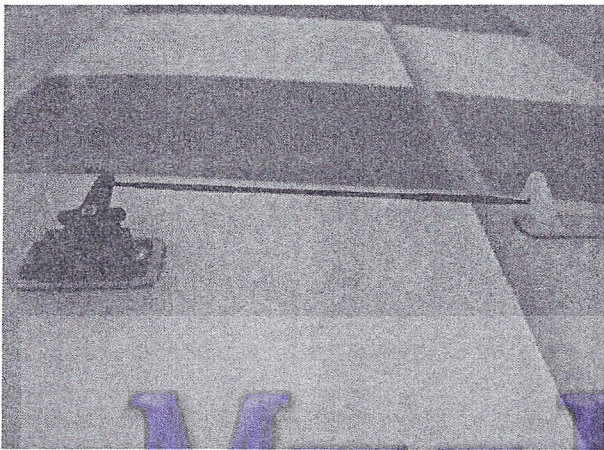
pic 16



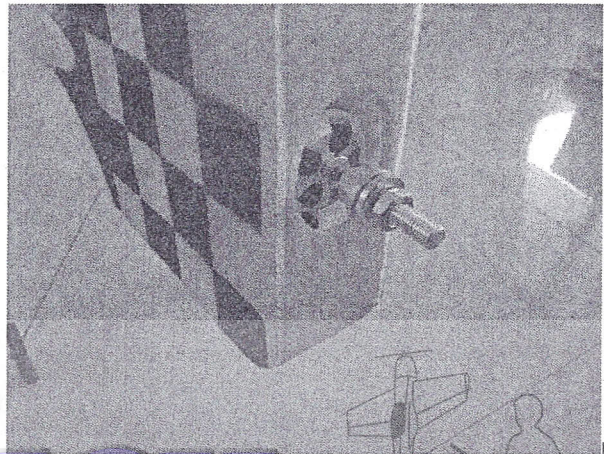
pic 17



pic 18



pic 19



pic 20

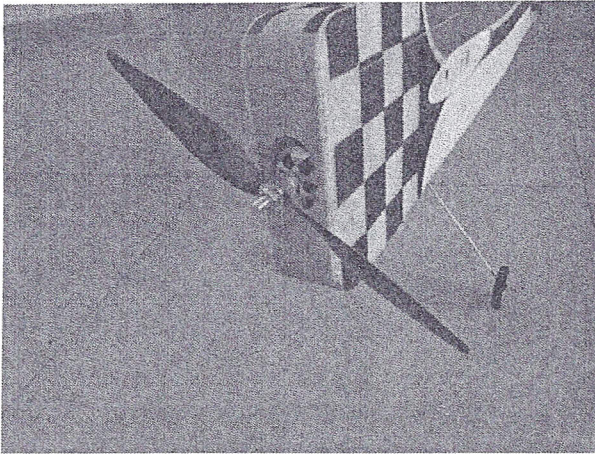
MILE HIGH RC

Section E. Install the electronic equipment

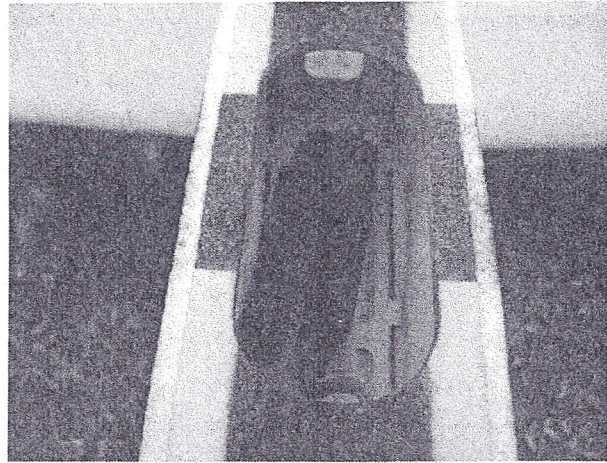
Fix the motor into the firewall with cap screws (pic.20). Install the propeller (pic.21).

Connect the ESC to motor, fix the ESC inside the fuselage with masking adhesive tape (pic.22).





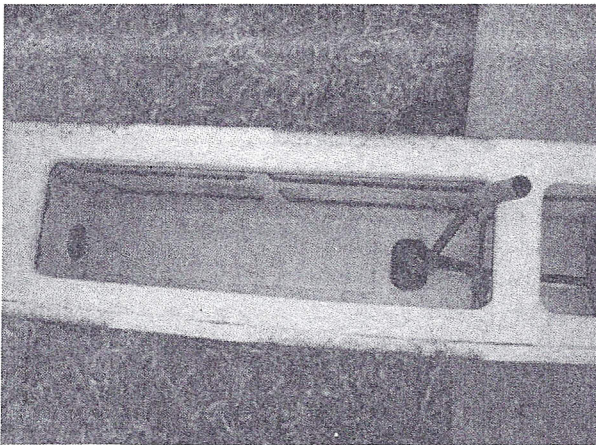
pic 21



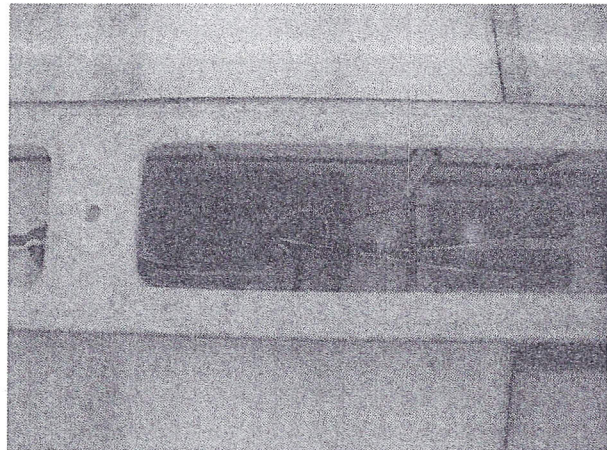
pic 22

Insert the electric wires of ESC that will be connected to battery into the battery bin, and then paste the masking adhesive tape in the battery bin. (pic.23)

Connect servo wires to the receiver, and fix the receiver in the fuselage with masking adhesive tape (pic.24).



pic 23



pic 24

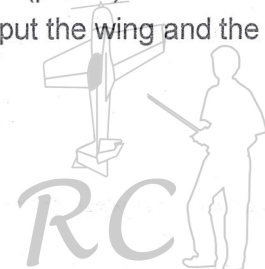
#### Section F: Install the main wing

The main wing is detachable.

Insert the wing tube into the fuselage, then insert the wing into the fuselage (pic.25)

After finished both sides, connect the hooks of the wing with rubber band, put the wing and the fuselage together into a whole (pic.26).

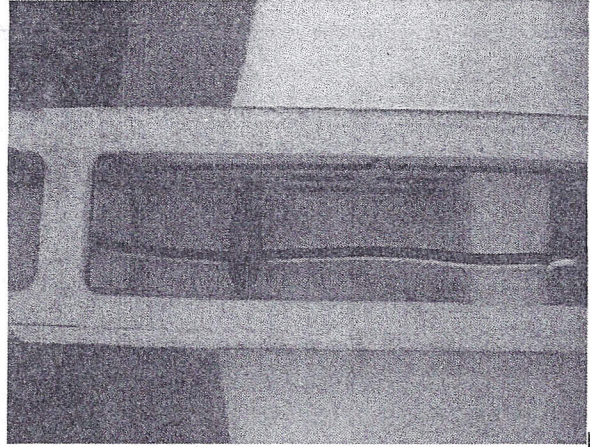
# MILE HIGH





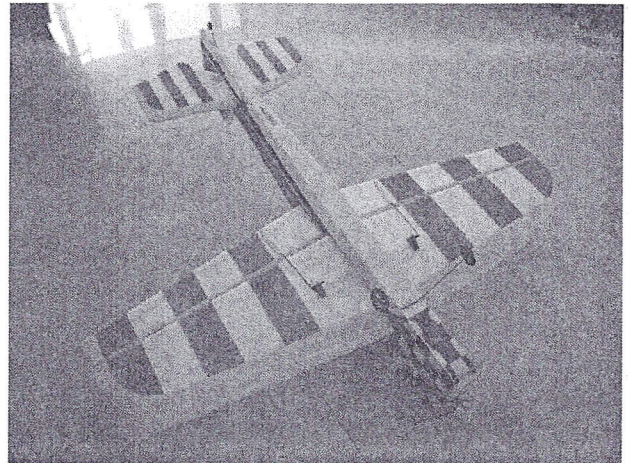
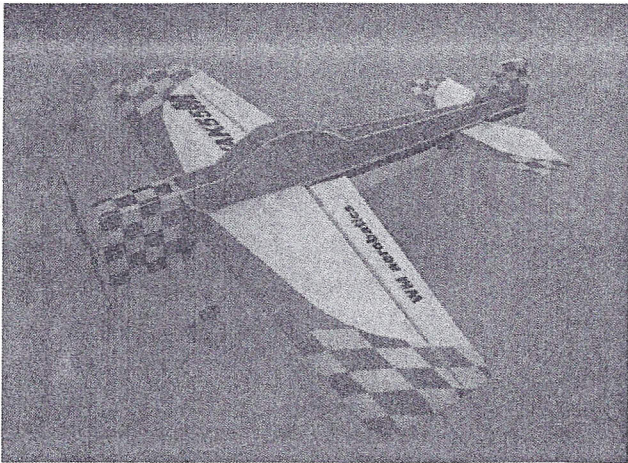


pic 25

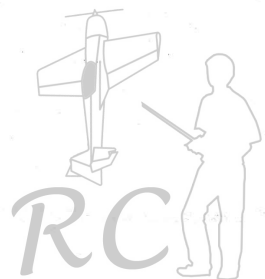


pic 26

Assembling is over.



# MILE HIGH





Section G: SPECIFICATION

CODE	WM aerobatics	ITEM	YAK55M SEPP
WING SPAN	1256mm	WEIGHT	920g (without battery)
TOTAL LENGTH	1248mm	MOTOR	3542; 2815; 900-950KV
WING AREA	37.2dm <sup>2</sup>	ESC	40A
SERVO	1.5-2kg/cm; 0.1-0.2S(4pcs)	BATTERY	3S 11.1V 1800-2200MAH
PROPELLER	13*6; / 13*6.5E	CENTER OF GRAVITY	115-125MM from L.E. at root
CONTROL THROWS			
AILERON	35-40 degree		
ELEVATOR	40-45 degree		
RUDDER	40-45 degree		

CAUTION:

1. NEVER flight on extremely bad weather, such as fierce wind, pool visibility, rain etc.
2. NEVER flight in the crowd, near the building or high voltage cable.
3. MAKE SURE the radio and servos work well, the battery is full charged before flight.
4. Freshman should flight with the guidance of experienced people.
5. NEVER flight the airplane to your back round. Never expose others to real danger.
6. KEEP IN MIND that you are fully responsible for the flight safety. Enjoy your safe flight!

