

## Skymaster ARF F-18E Instructions Manual

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**first: Take out the front servos mount,**



**install front fuel tank before installing nose cone**



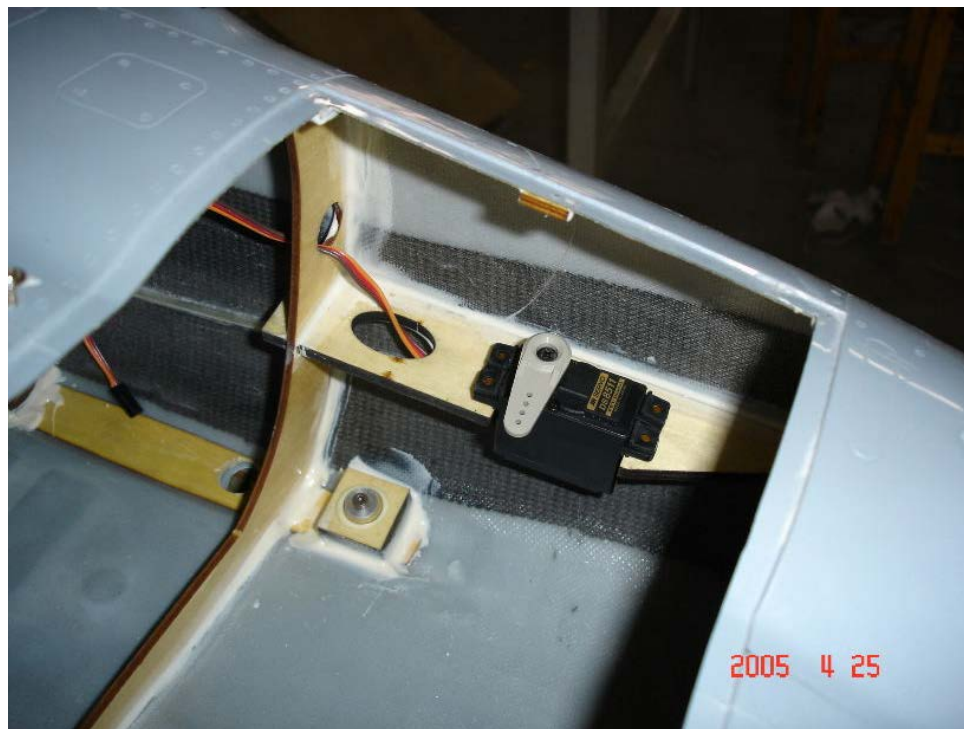
**connect nose cone to fuselage by 6 screw**



**Take out the 6 screws and Bottom Cover and install the Rudder Fin**

**setup the two screws for both rudder fins**

**When you place the rudder fin in the fuselage, please make sure you use thread lock or a spring washer to set the screw in tightly. Also, make sure you check the screw regularly to ensure that the rudder does not come loose. Please keep in mind, if the rudder is even slightly loose, it could cause flutter and serious damage on the plane.**

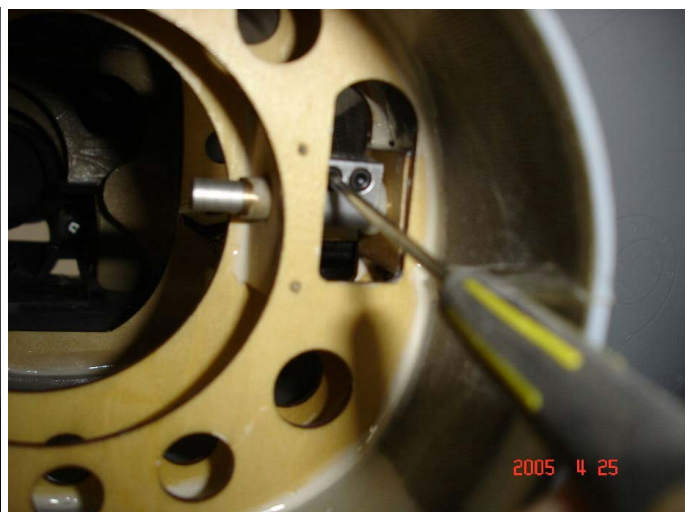
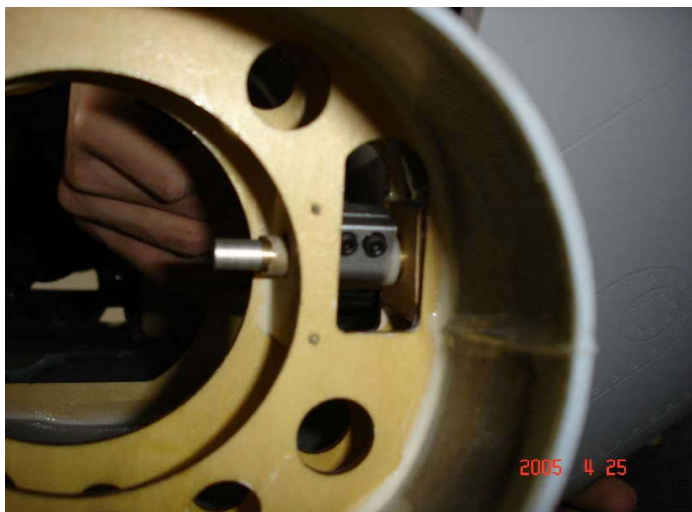


**install two servos for the Elevators**

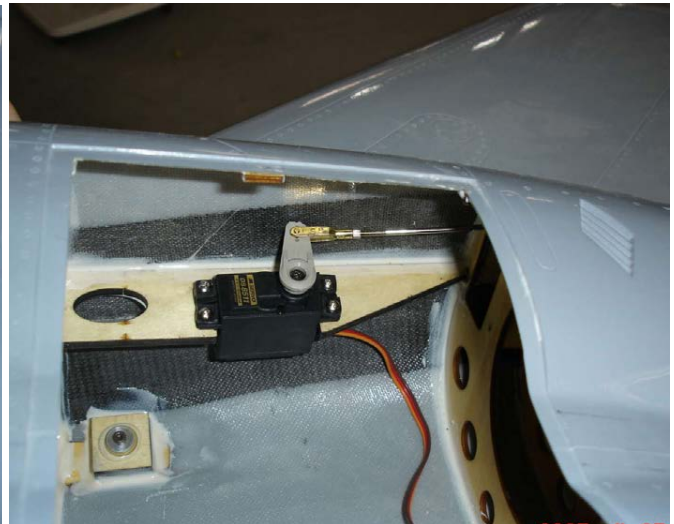
**We suggest use of the Futaba # 9204. (#9151) or JR # 8425 (#8511 or 8611) servos for the Elevators**







**elevator shafts and servo arms must be installed first (make sure that there is a minimal lateral movement) and after which the servos mounts can be installed (included in the kit).**

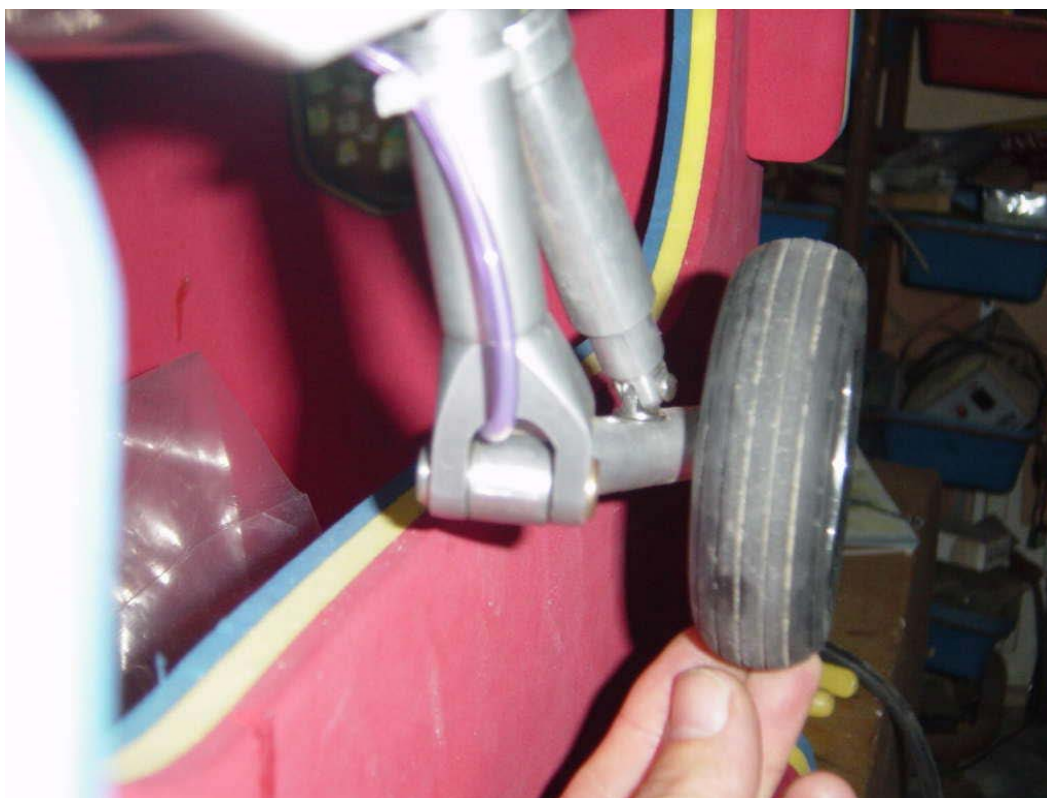


**connect both push-pull rods for elevator servos control**

**install main gear with setup air pipes for air breaks for the main gear**

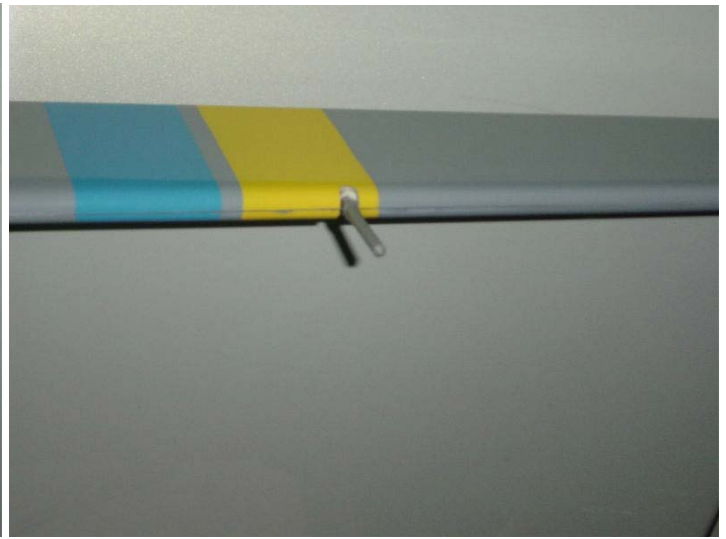


**install nose gear with after connector**



**set-up elevator function for up / down movement for each to between 40 mm ~ 45 mm**

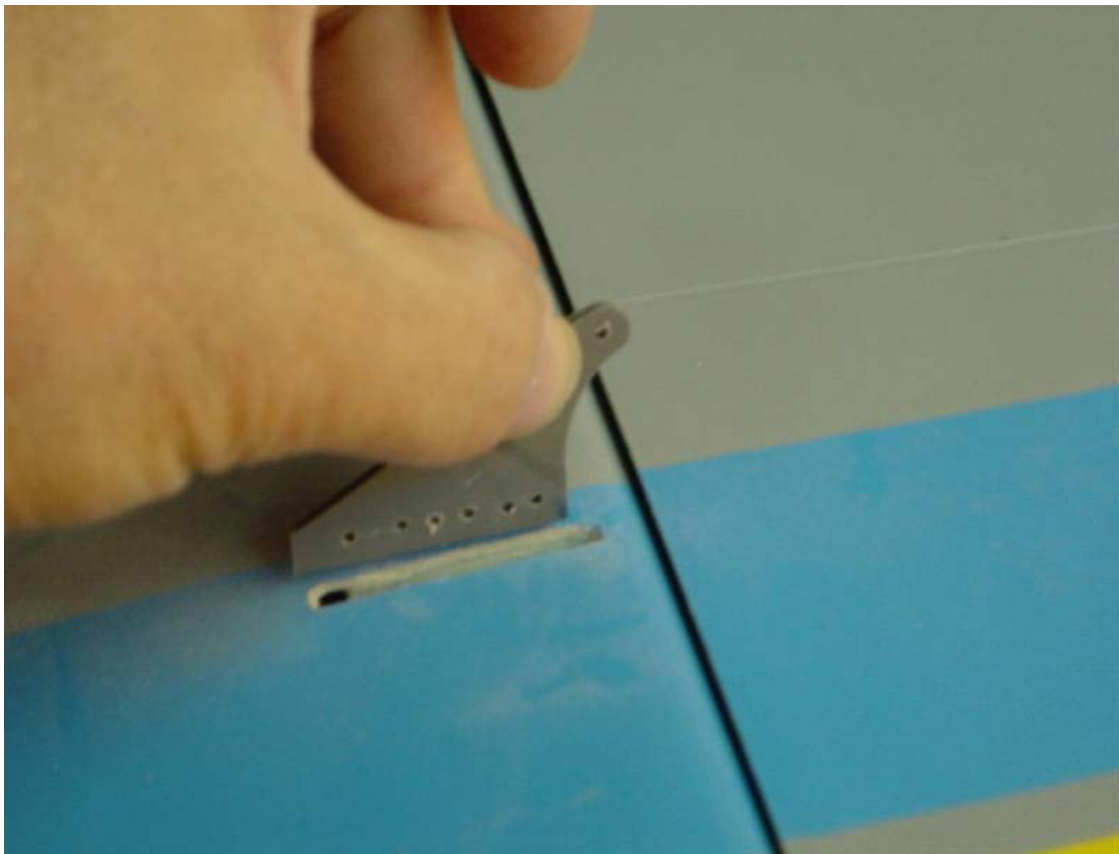




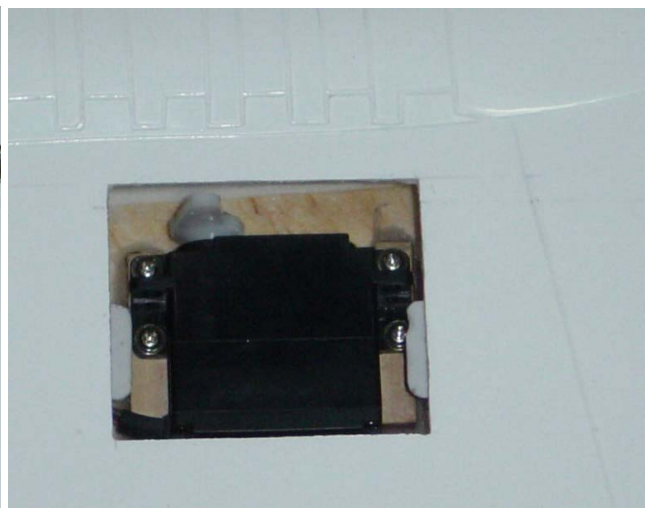
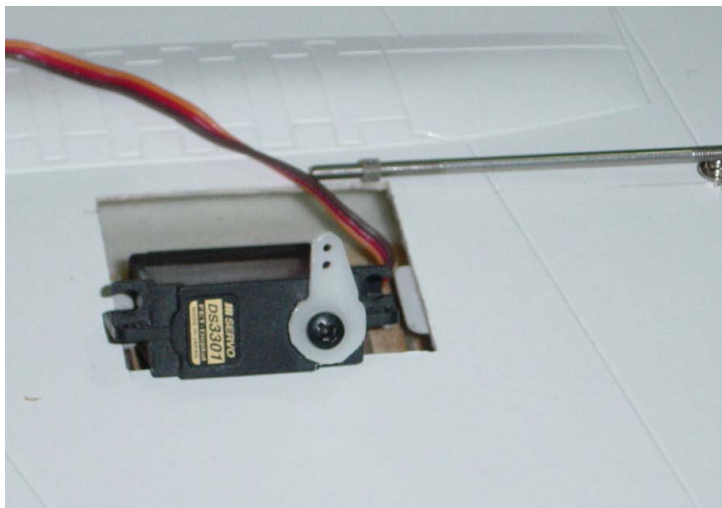
### **Glue the 6 Hinges for Ailerons with Flaps**

**Note:** Please make sure the servo is secured to the mount. The servo mount base should have enough surface area to hold it. If you only glue the servo mount directly to the wing surface without additional support may cause the whole thing to rip off in extreme conditions. This will cause serious damage to your plane such as fluttering.

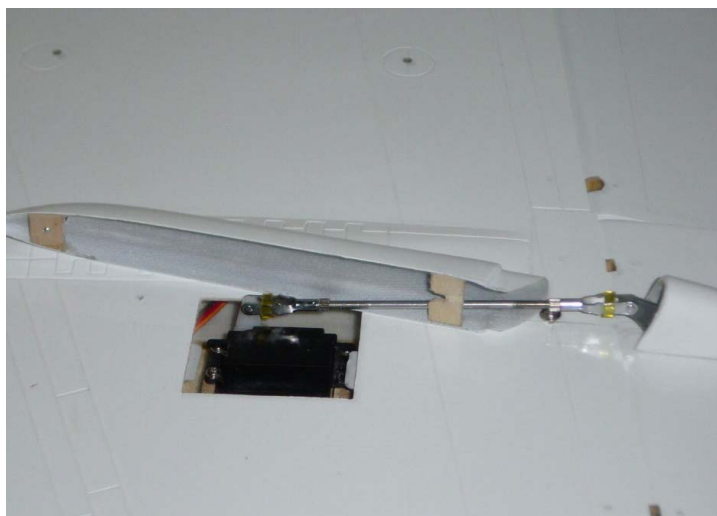
We suggest you use a thin plywood or layer of fiberglass to increase the base surface space before you glue the servo mount..



**Glue the servos mounts for the Aileron servos and cut the hole then glue for Rudder Horns connect both push-pull rods for Aileron servos control (the F-18 kit includes 2 rods for Ailerons)**



**install the aileron servos, We suggest use of the JR # 3421 servos for the ailerons**



**The new designed Flaps system very simple for set up your wings and no any Rods on out side**



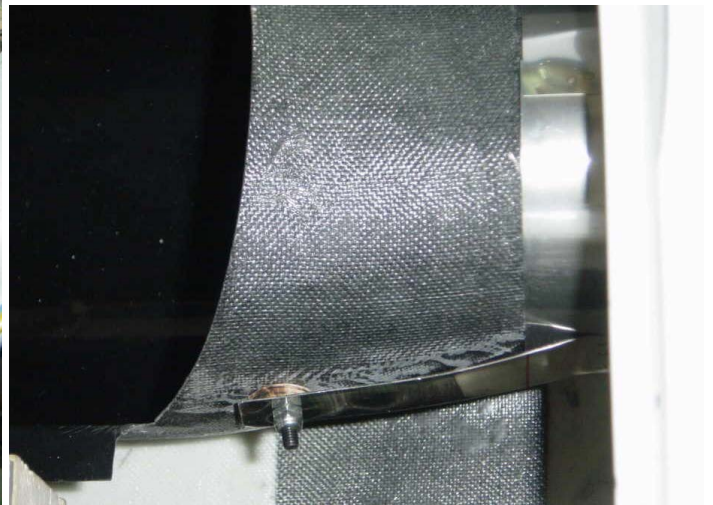
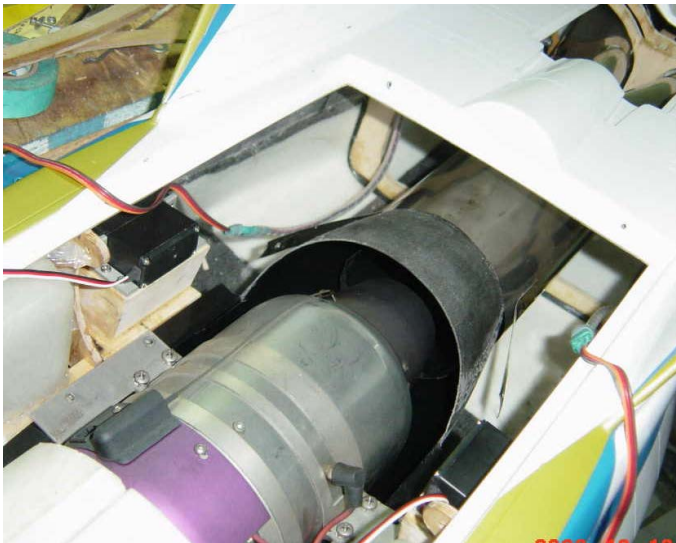
**If you do not want to use the new Flaps system, you will need to cut the holes for install the Flaps servos**

**that Rods will be on out side.**



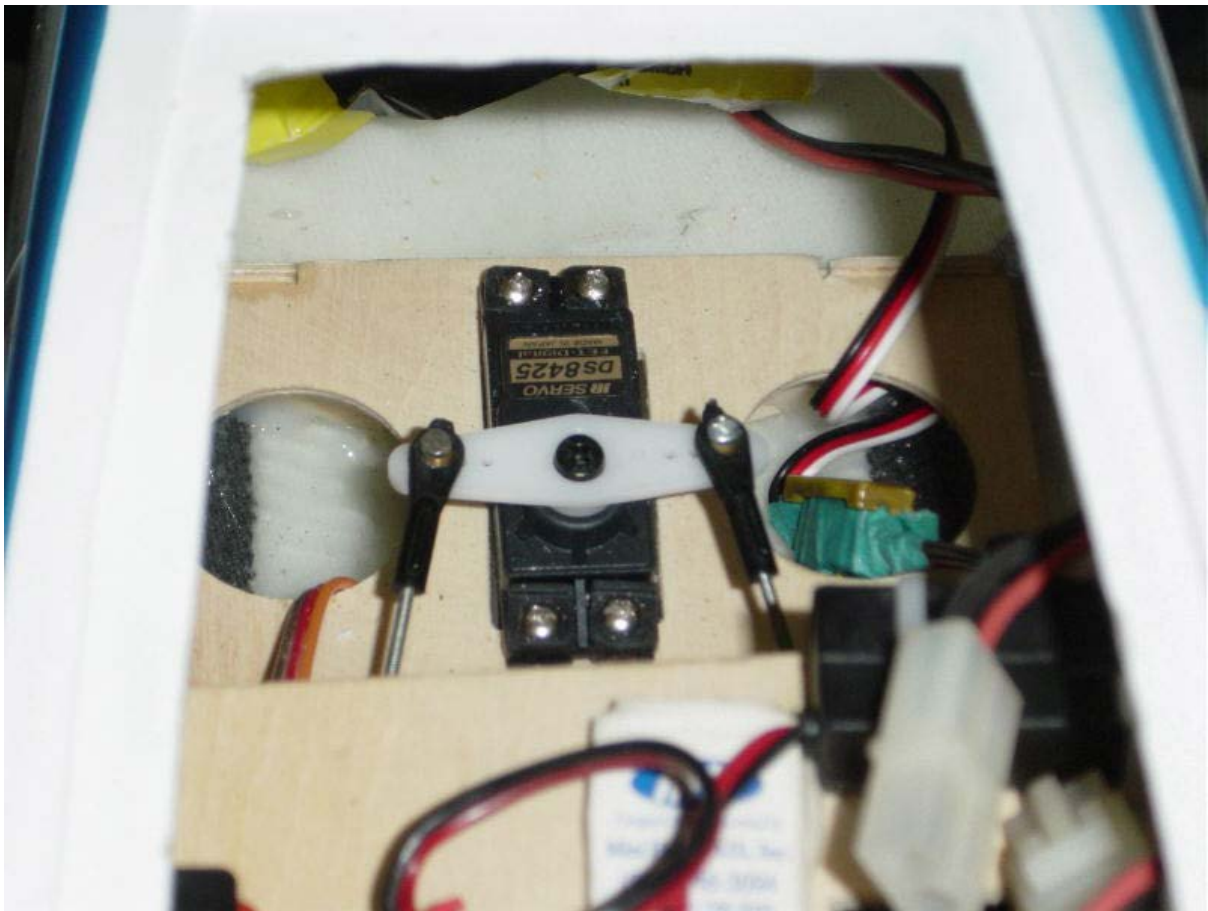


**first: Take out the cross spar for install both Fuel Tanks**



**make the by-pass holes to fasten the dual wall tail pipe**

**The tail flange has two brackets. Mark and drill holes in the brackets so they line-up with the holes in the right / left by-pass holes.**

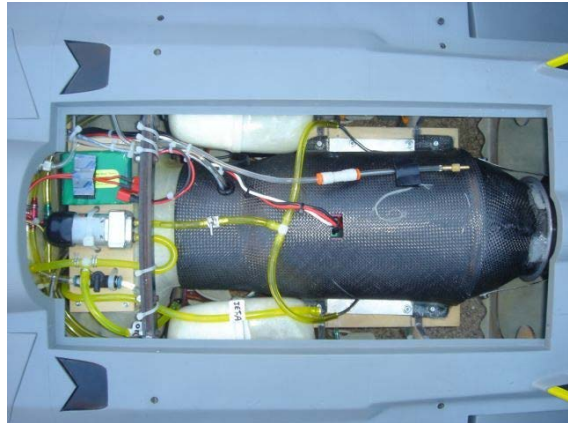


**setup the front servo and make two piano wires control to the nose gear**





**install the retracts control servo with break control servo, install two (2) valves for jet engine with the fuel pump**







**set-up ailerons function for up / down movement for each to between 12 mm ~ 16 mm**

**set-up elevator function for up / down movement for each to between 40 mm ~ 45 mm**



**set-up Flaps function for down movement 20mm~ 25mm for Take off**



**set-up Flaps function for down movement 55-60mm for Landing**



**install two batteries into nose cone for CG balance**

**We suggest the C/G 140~160 mm measured from the leading edge, The most forward point of the wing  
(without Fuel and Gear Down)**

***Note: If you are maiden fly that We suggest use CG in 140mm measured from the leading edge,***

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