

INSTRUCTION MANUAL



FALCON

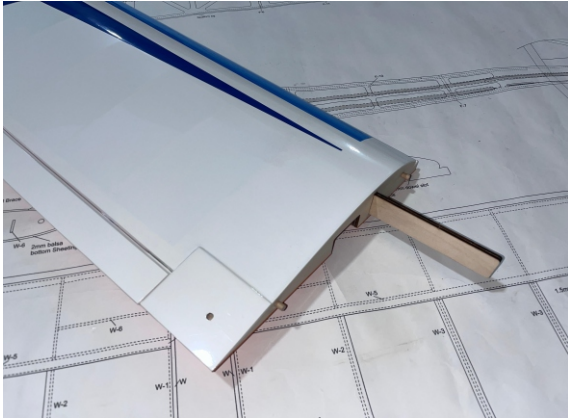
Thank you for choosing Falcon Trainer Model. Falcon is a Trainer with stable flying characteristics, and comes with a strong Balsa and Plywood structure capable enough to handle the tough requirements of a beginner to R/C flying. All hinges are factory installed. Complete hardware including fuel tank, wheels, undercarriage and pushrods are included. Model is ready covered including decals. Engine mount comes with built-in side thrust. Hope you enjoy flying your Falcon model.

Specifications

- Wing Span: 1580mm
- Flying weight: 2.2 - 2.5kg
- Fuselage length: 1215mm/ 1300 (with engine)
- Engine size: 40-46 cu in. (6.5 to 7.5 cc)

FINAL ASSEMBLY

Epoxy 5mm alignment dowels in center rib, epoxy half of dihedral brace in center section rib. When dry proceed to next step.



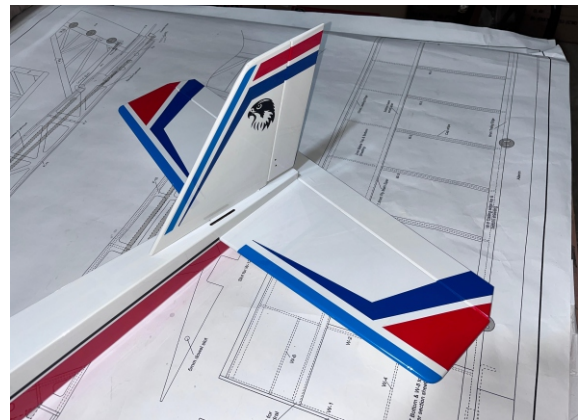
Liberally apply glue to 5mm dowels, dihedral brace and center section ribs and join the two wings together. Retain two wing panels together with masking tape.



Epoxy stabilizer in appropriate slot.



Epoxy rudder in appropriate slot.



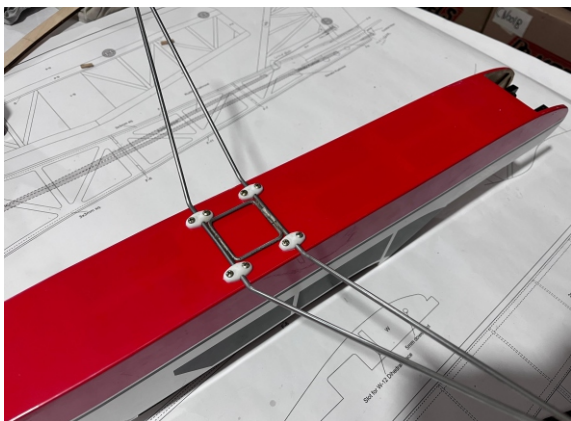
Fix control horn to rudder. Next insert rudder pushrod in fuselage, fix plastic link at the rear of pushrod and connect plastic link to control horn. **Note: Metal link is used on Elevator.**



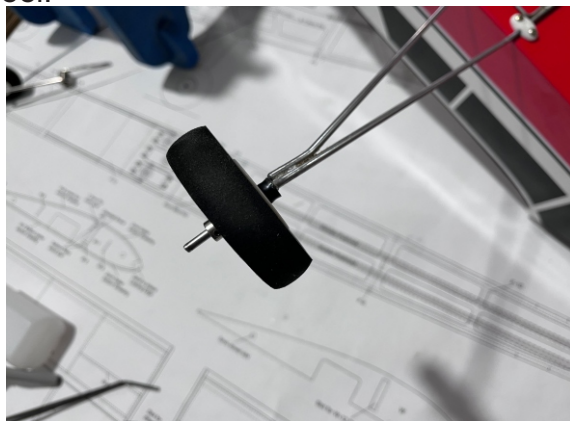
Fix control horn to stabilizer. Next insert stabilizer pushrod in fuselage, fix metal link at the rear of pushrod and connect metal link to control horn.



Fix main gear in pre-drilled holes.



CA plastic wheel collar on inner side of wheel and metal wheel collar on the outer side of wheel.



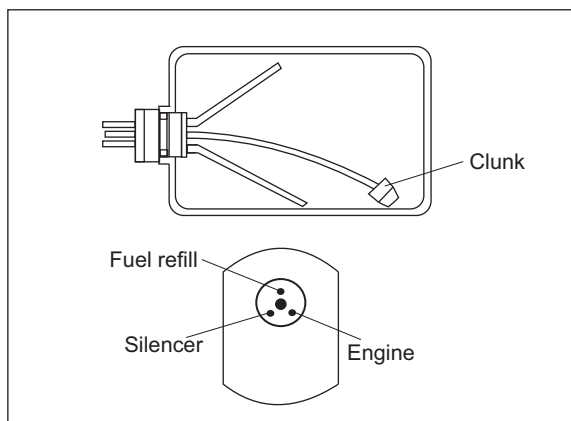
Fix nose block and engine mount with screws. Next drill the holes in engine mount according to engine.



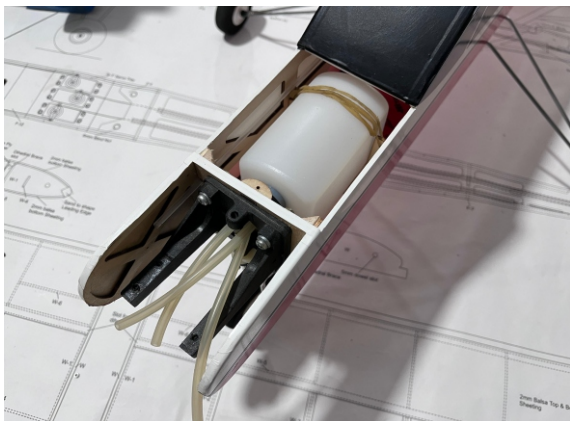
Pass Z-bend side of steering wire pushrod through steering and insert in tube fixed in fuselage. Fix nose gear as shown.



assemble fuel tank as shown below:



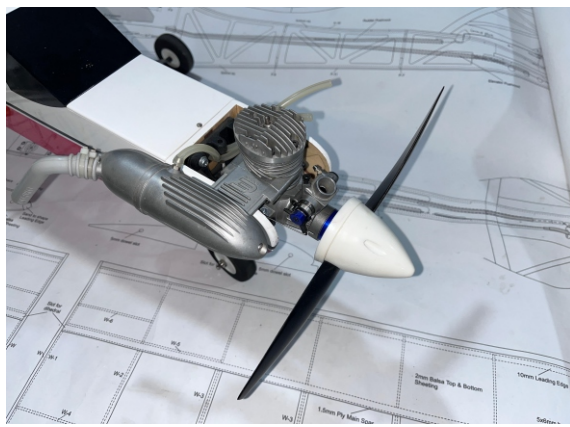
Insert fuel tank in fuselage and secure in place with rubber band.



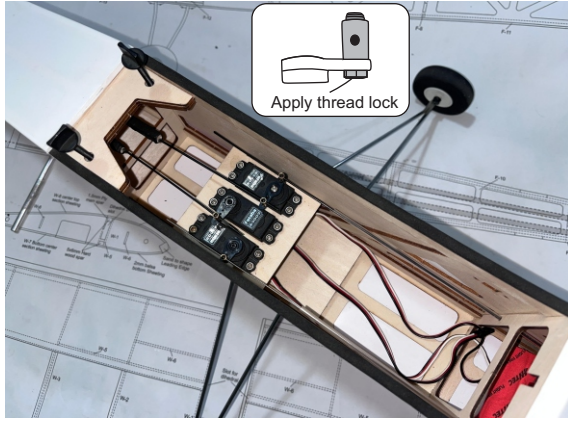
Pass Z-bend side of throttle wire through throttle arm pass throttle wire in fuselage and fix engine in engine mount with screws. Next close the hatch with screw.



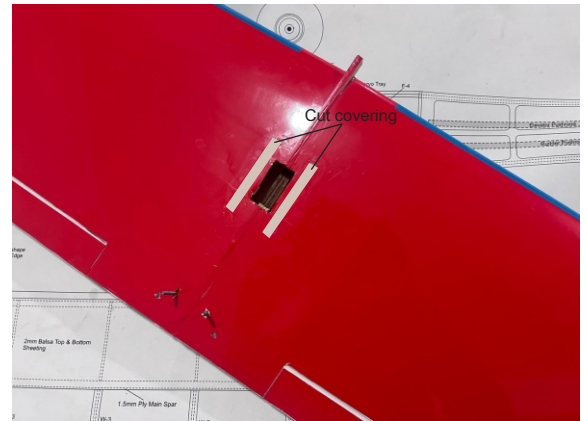
Propeller spinner installation.



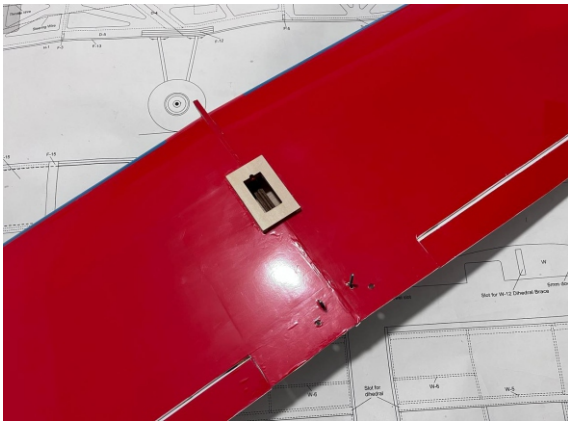
Fix Servos, pushrods with keepers on rudder & elevator, Fix E z connectors on steering and throttle control.



Place servo tray on the wing servo section and cut the covering as shown.



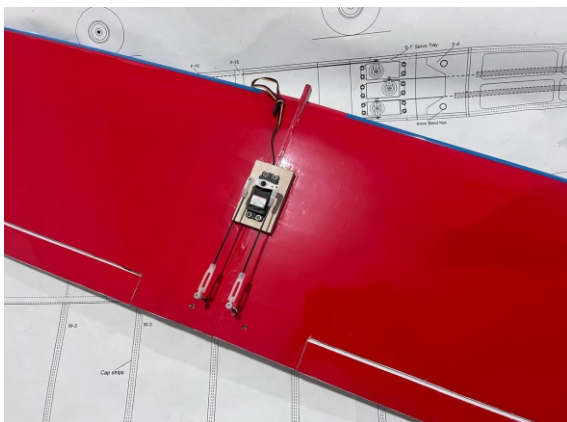
Epoxy servo tray in place and fix servo with screws.



Keeper assembly.



Balance point 93mm from leading edge.



Preflight checks:

- Remember batteries are fully charged.
- Ensure control surfaces move in correct direction
- Airplane should face into the wind.
- Fly model in a open area
- If it is your first experience to R/C flying take help from a R/C Flying Club.

Warning: This is not a toy

Fly model in open area and keep a safe distance from people and property. Safe flying is entirely your responsibility and you are solely responsible for operating model that ensures safety to your self and people and property of others.