RADIO CONTROL MODEL

INSTRUCTION MANUAL

SPECIFICATIONS

Wingspan......57.5 in. / 146cm Length......50 in. / 127cm Engine......46 2T / .70 4T or Electric equivalent Radio.....

Almost ready to fly



WARNING! This radio control model is not a toy. If modified or flow 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.



CONVERSION TABLE			
1.0mm = 3/64"	3.0mm = 1/8"	10mm = 13/32"	25mm = 1"
1.5mm = 1/16"	4.0mm = 5/32"	12mm = 15/32"	30mm = 1-3/16"
2.0mm = 5/64"	5.0mm = 13/64"	15mm = 19/32"	45mm = 1-51/64"
2.5mm = 3/32"	6.0mm = 15/64"	20mm = 51/64"	







P-51 Voodoo 6- Fixed gear installation















6- Attach the tail wheel doors (D) in place using CA glue.



Reposition the engine on the engine mount beams, aligning it with the holes. Secure the engine to the engine mount using four 3x25mm hex bolts.

Step 14:5

Note: Apply Silicon sealer to each of the 3x20mm hex bolt.

P-51 Voodoo 15- Fuel tank





Checking for leaks - block the vents and blow into the feed. if in doubt submersing the tank in a blow of water will show up any problems.

Carefully install the fuel tank to ensure that they will not shift during flight (secure the fuel tank in place using foam padding).

16- Electric motor



Using a aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled.





Remove the aluminum motor mounting plate and drill a 3mm hole through the plywood at each of the four marks marked.

Step 16:2







P-51 Voodoo 20- Cowling

Attach the board or transparent plastic on the side of the fuselage with the adhesive tape as show.

Using a pencil or felt tipped pen trace around the engine head where it meet the cowl. Cut the opening the board or transparent plastic for the engine head as marked before. Adhesive Board or transparent plastic Step 20:1 Cut the opening

Remove the engine and insert the cowl on to the fuselage so the distance from the fire wall to the front of the cowl is 125mm. Trace around inside the hole on the board or transparent plastic with a pencil.



Remove the cowl from the fuselage and carefully cut the opening for the engine head as marked above. Do the same way with the hole for needle-valve.



1/16"

1~2mm

Again. Insert the cowl on to the fuselage and secure it in place with four 2.5x10mm self tapping screws.



P-51 Voodoo 21- Sticker

Note: Cut out the stickers and apply them in the proper area. Do not peel the backing paper off all at once. Peel off one corner of the backing and cut off with scissors.

Arrange sticker on model and when satisfied adhere the corner without backing.

Carefully peel back the rest of the backing while at the same time adhering the rest of the sticker.

Try not to make air bubbles, if there are some, carefully puncture sticker (center of bubble) but not model surface with the tip of the knife or sharp pin and squeeze out the air. At curves stretch sticker and apply a little heat so that no ceases occur. Cut off the excess that is produced.



IMPORTANT: Please do not clean your model with pure alcohol, only use liquid soap with water or use glass cleaner to clean on surface of your model to keep the colour not fade.

All details are subject to change without notice !

Technische Änderungen und Irrtümer vorbehalten !



- 1- Mount the wing to the fuselage. Using a couple of pieces of masking tape, place them on the top side of the wing (132mm) back from the leading edge, at the fuselage sides.
- 2- Lift the airplane. Place your fingers on the masking tape and carefully lift the plane.
- 3- If the nose of the plane falls, the plane is heavy nose. To correct this, move the battery pack further back in the fuselage. If the tail of plane falls, the plane is tail heavy. To correct this, move the battery forward or if this is not possible, stick weight onto the firewall.
 - When balanced correctly, the airplane should level or slightly nose down when you lift it up with your fingers.

LATERAL BALANCE:

After you have balanced a plane on the CG, you should laterally balance it. Doing this will help the airplane track straighter.

- 1- Turn the airplane upside down. Attach one loop of heavy string to the engine crankshaft and one to the tail wheel wire. With the wing level, carefully lift the airplane by the string. This may require two people to make easier.
- 2- If one side of the wing fall, that side is heavier than the opposite. Add small amounts of lead weight to the bottom side of the lighter wing half's wing tip. Follow this procedure until the wing stays level when you lift the airplane.

DO NOT try to fly an out-of-balance model !

P-51 Voodoo 23- Control surface



Adjust the travel of the control surfaces to achieve the values stated in the diagrams. These value will be suitable for average flight requirements. Adjust the values to suit your particular needs.