

TECHNISCHE DATEN

Spannweiter
Länge
Elektroantrieb
Verbrennerantrieb
Fernsteuerung

1520mm 1237mm 800-900Watt 7.5cc 2-T / 11cc 4-T 6 Kanal / 6-7 Servos SPECIFICATIONS

Wingspan Length Electric Motor Glow Engine Radio 59.8 in. 48.7 in. 800-900Watt .46 2-T / .70 4-T 6 Channels / 6-7Servos

WARNING! This radio controlled model is NOT a toy. If modified or flown carelessly it could go out of controll and cause serious human injury or property damage. Before flying your airplane, ensure the air field is spacious enough. Always fly it outdoors in safe areas and seek professional advice if you are unexperienced.

ACHTUNG! Dieses ferngesteuerte Modell ist KEIN Spielzeug! Es ist für fortgeschrittene Modellflugpiloten bestimmt, die ausreichende Erfahrung im Umgang mit derartigen Modellen besitzen Bei unsachgemäßer Verwendung kann hoher Personen- und/oder Sachschaden entstehen. Fragen Sie in einem Modellbauverein in Ihrer Nähe um professionelle Unterstützung, wenn Sie Hilfe im Bau und Betrieb benötigen. Der Zusammenbau dieses Modells ist durch die vielen Abbildungen selbsterklärend und ist für fortgeschrittene, erfahrene Modellbauer bestimmt.





YAK-9 1- MAIN WING: Extension cord & Servo

Read through the manual before you begin, so you will have an overall idea of what to do.

SAFETY NOTES BEFORE ASSEMBLING

This model is highly pre-fabricated and can be built in a very short time. However, the work which you have to carry out is important and must be done carefully. The model will only be strong and fly well if you complete your tasks competently - so please work slowly, accurately and check every joints, maybe apply more glue to be safe.











YAK-9 6- MAIN WING: E-retract & strut







Using the ABS air scoop (part A) as a template, trace around the outside edge of the ABS air-scoop and then remove it.











Remove the engine mount and drill a 5mm hole through the fire-wall at each of the four marks marked.

YAK-9 16- Glow engine continued



4x25mm hex bolt Blind-nut 4mm washer 04

Attach the four blind-nuts to the fire-wall as show, then reposition the engine mounts on to the fire-wall and secure them with four 4x25mm hex bolts.

- Reposition the engine on to the engine mounts so the distance from the prop hub to the fire wall is 127mm
- Mark the engine mounting plate where the four holes are to be drilled.
 Note: Mark the mounting plate through the engine mounting flanges.

 Remove the engine and drill a 3mm holes through the beam at each of the four marks made above.





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

3mm

127mm

YAK-9 17- Electric motor



Using a wooden motor mounting plate as a template, mark the fire-wall where the four holes are to be drilled.



Remove the wooden motor mounting plate and drill a 6mm hole through the fire-wall at each of the four marks marked.



Step 17B

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

Step 17C

Remove the aluminum motor mounting plate and drill a 1/8"(3mm) hole through the plywood at each of the four marks marked .



Secure the Motor to the wooden motor mounting plate using the four 3mm bolts.

Attach the four 5x80mm bolts and nuts to the fire-wall as shown.

	5x80mm bolt4
0	5mm nut12
\odot	5mm washer16

YAK-9 18- Fuel tank



After confirming the direction . Insert this assembly, clunk end first, into the fuel tank and tighten and screw the fuel tankcap on firmly.

Ensure that the fuel tank clunk does not touch the rear of the 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.









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 !



IMPORTANT: Flying your model at these throws will provide you with the greatest chance for successful first flights. If, after you have become accustomed to the way the Yak-9 flies, you would like to change the throws to suit your taste that is fine. However, too much control throw could make the model difficult to control, so remember, "more is not always better".

LOW RATE Aileron :

Elevator :

Rudder

Flap

HIGH RATE

10mm up / down 10mm up / down 25mm right / left 15mm down	Aileron : 12mm up / down Elevator : 12mm up / down Rudder : 30mm right / left Flap : 25mm down

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.