



# Hello Skyraider

Wind fighter

Discover the Joy's of a  
Mechanical Friend



**Includes:**

paint and art  
stuff to create  
your own  
unique  
friend

Batteries

**NOT**  
included



level



# Skyraider

the wooden mechanical

## Wind Fighter

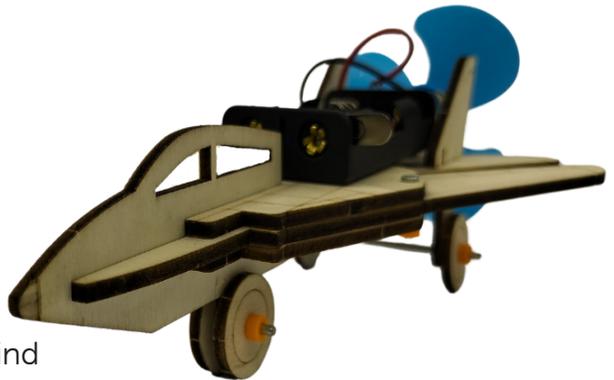


Hi there!  
I'm Mr Sparkz!  
Let me introduce  
you to my huge  
friend Skyraider

*Hey there, little creator!*

I'm Skyraider, the wind fighter!

Hey there, little buddy!  
I'm Skyraider, a wooden wind fighter. I'm a cool model aircraft that moves forward using the power of the wind. Let's learn how to make me!



# Let's see what we need and how to prepare:



## How to get prepare:

- Before you start, you need to find a safe and clean place to work.
- If you have any questions or need help, you can ask your parents, a grownup or teacher and they will assist you.

**Have fun!**



## Some things to keep in mind:

- *Be careful:* When you open the package with the parts, be careful not to drop or lose any small parts. They are very important for your model. If you lose a piece, your model might not work!
- *Read and follow:* If you want to make your model easily, you need to read the instructions well and follow the steps.



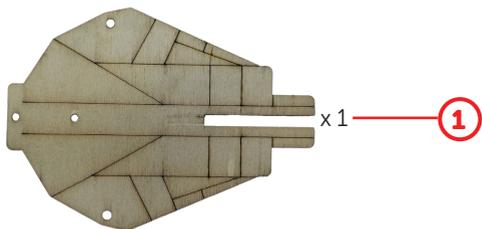
Remember to get your own  
2 x AA batteries for Skyraider!



## What is in the BOX

- 9 different pieces of cut-out board
- 1 battery box
- 1 motor
- 1 long shaft
- 1 medium-length shaft
- 2 short shafts
- 6 orange fixing rings
- 4 7mm screws
- 2 4mm screws
- 1 fan

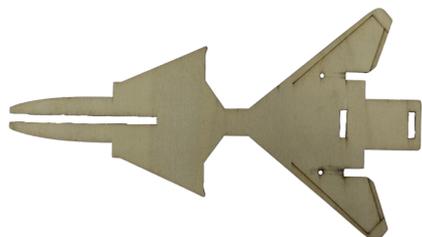




x1

1

7 x1



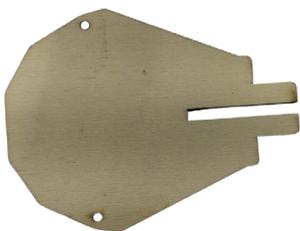
x1

2

8 x2



9 x4



x1

3



x1

4



x2

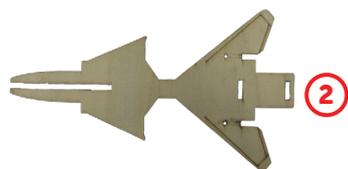
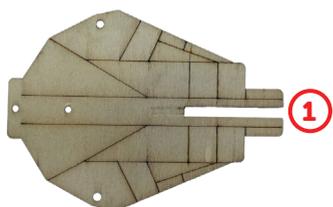
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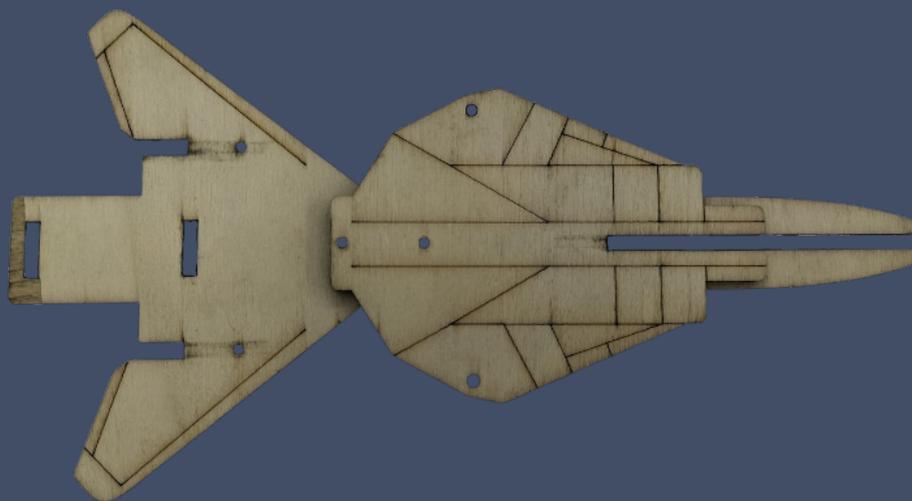
x1

6

# Step 1



Look at the picture and put board 1 on top of board 2. Then, place board 3 under board 2. Hold them together and insert board 4 into the groove. Tighten it up.



## Step 2



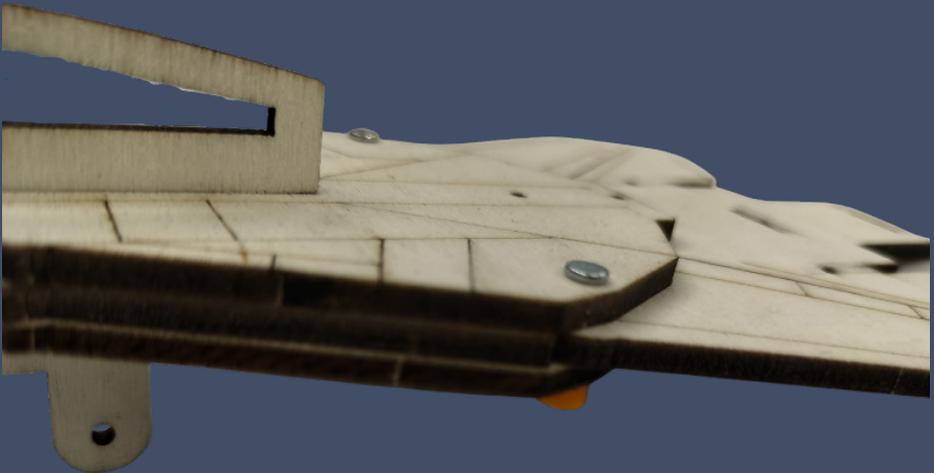
Put two no 5 boards on both sides of my main body. Make sure the pretty side of the boards is facing



## Step 3



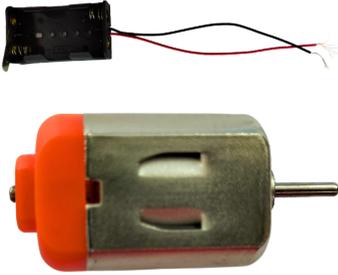
Put a short shaft through board 3 and install an orange fixing ring. Follow the same step for the board 5.



## Step 4



## Step 5



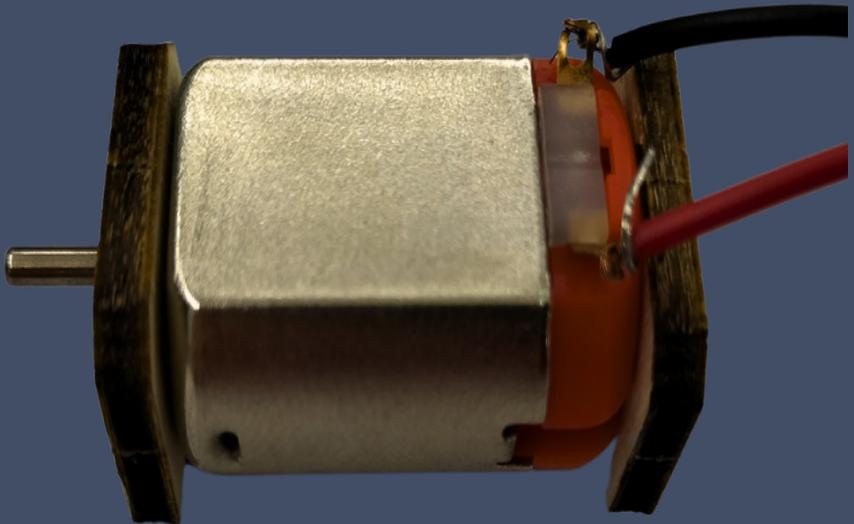
Pass the ends of the red and black wires from the battery box through the copper tags of the motor. Wrap them tightly around. Connect the red wire to the left and the black wire to the right.



## Step 6



Look at the picture and attach boards 6 and 7 on both sides of the motor.



## Step 7



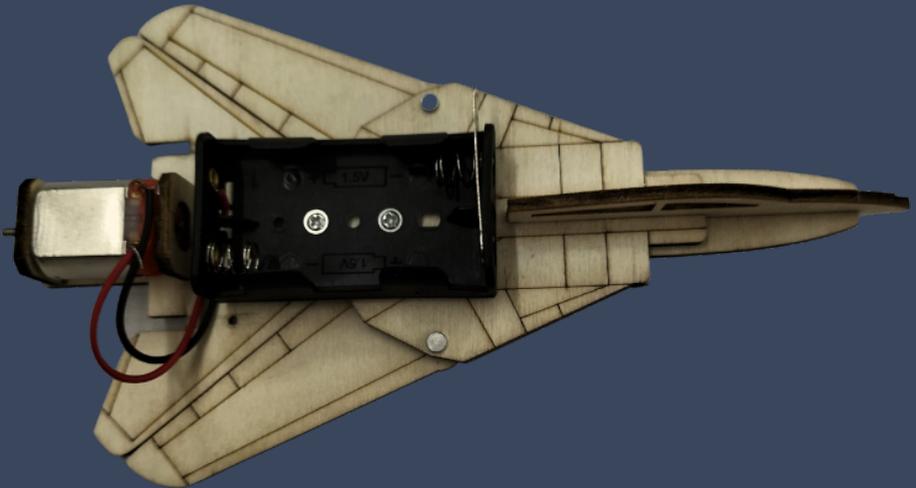
Attach the motor from step 7 to board 2. Tighten it with two 7mm screws.



## Step 8



Attach the battery box to board no 1 using two 4mm screws.



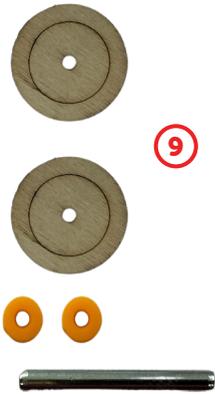
## Step 9



Insert two no 8 boards into board 2. Make sure they fit in tightly. Screw them in place using two 7mm screws.



## Step 10



Pass the medium-length shaft through the three boards in order: no 9, no 4, and no 9. Install an orange fixing ring on each side.



## Step 11



9



Pass a long shaft through the four boards: no 8, no 8, no 9, and no 9. Install an orange fixing ring on each side.



## Step 12



Attach the fan to the motor's rotating shaft. Make sure they don't touch the wooden board and there's a gap between the board and the motor.



## Step 13

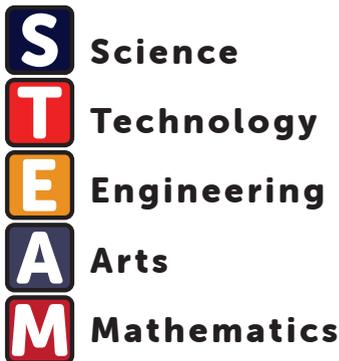
After we finish building me, put in the batteries and turn on the power. I'll start moving forward! If I move backward, just switch the two wires that connect to the motor.



# Now you have your very own Wind Fighter!

Finally, it's alive! Now we will become the best of friends! Have fun with your wooden wind fighter, Skyraider! Let's watch me soar!



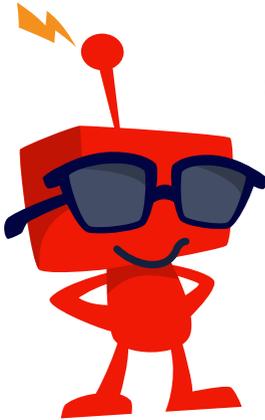


## Here's how they help:

1. *Hands-On Learning:*  
Kids do experiments and projects, making learning fun.
2. *Problem-solving:*  
This makes your child think outside the box to solve a problem.
3. *Creative Thinking:*  
Arts and design are part of **STEAM**, so kids get to be creative, and think of new ideas to build and create.
4. *Confidence:*  
Completing projects makes kids feel like they accomplished something, building confidence in creating more and unique things.
5. *Preparation:*  
**STEAM** skills are important for the future, so kids can use the skills they learn, to create a better future.

**STEAM** kits - help kids learn many skills they'll need in a fun and practical way.

# Collect them all



*With a bit of imagination you can create your own unique friends. Please share your creations with our community*

Please ask your mom / dad / teacher or a grown up to help you to upload your creations to our community page on the website. We would love to see your creations and also share and inspire the little creator in you.

**Tommy**  
Tank Crawler



