
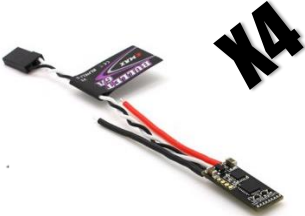
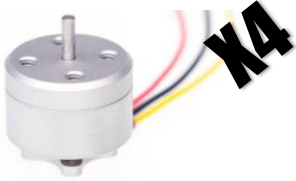




# GET 2 KNOW YOUR GREMLIN

Name: \_\_\_\_\_  
 Class: \_\_\_\_\_  
 Date: \_\_\_\_\_

**DIRECTIONS:** Using the internet, lecture or past multirotor lessons, identify and explain what function the gremlin components perform.

COMPONENT	NAME	WHAT IS THE COMPONENTS FUNCTION?
		
		
		
		
		



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# UNDERSTANDING THE PROPELLER

**NOTE:** Propellers use pitched airfoils to generate lift. Based on diagram 1.1, answer the following questions posed in diagram 1.2

Diagram 1.1

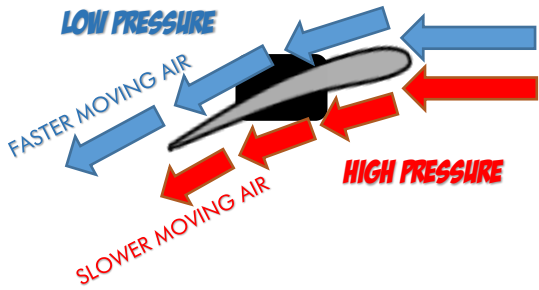


Diagram 1.2

**DIRECTIONS:** Based on the direction the props are spinning and their pitch angle, explain what happens and why?




# MAKING CONNECTIONS

**DIRECTIONS:** Using the labeled propellers in diagram 1.3, place the correct propeller on the FT Gremlin quad.

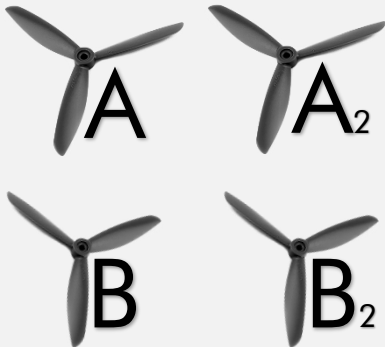
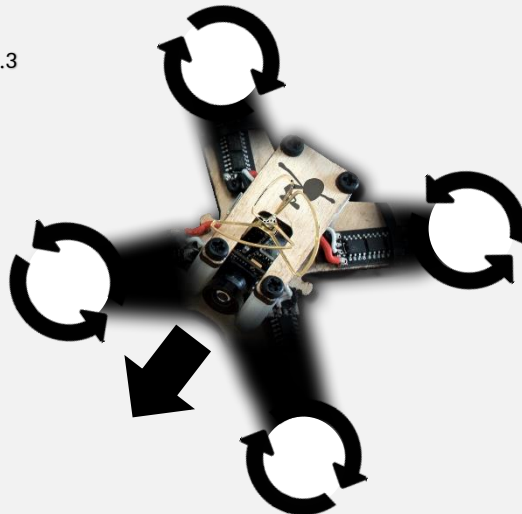
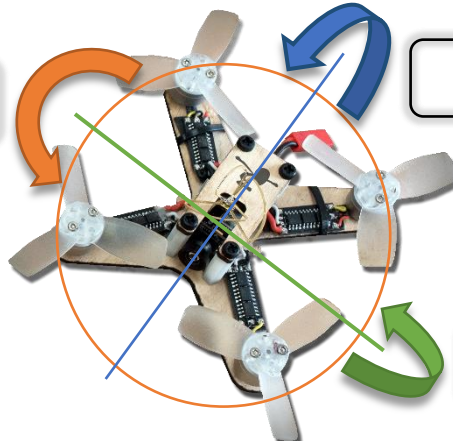


Diagram 1.3



# UNDERSTANDING THE GREMLINS MOVEMENTS

**DIRECTIONS:** Using the internet, lecture or past multirotor lessons, identify the pitch, roll and yaw of the gremlin.



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