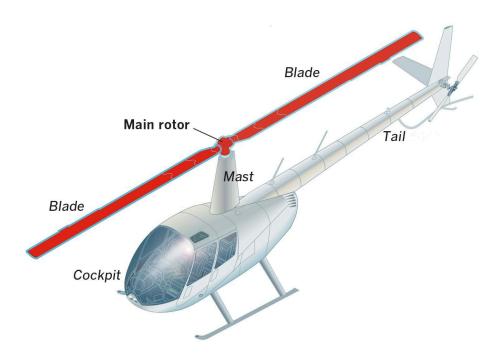
First Name:	 Grade:	
		-

Your Teachers: Mr. Corr, Mr. Koch, Mr. LeClair, Mr. Vaughn



Danger spins from the sky: The Robinson R44, the world's best-selling civilian helicopter, has a long history of deadly crashes. (n.d.). Retrieved September 30, 2020, from https://www.latimes.com/projects/la-me-robinson-helicopters/

Instructions

- 1. Cut along the dotted lines
- 2. Fold along the solid line of X and Y
- 3. Fold along the solid line of \boldsymbol{Z}
- 4. Fold along the solid line of A and B in opposite directions
- 5. Drop it, and watch it spin



Plain white paper
How many times does the white paper rotate?
How long does it take to fall to the ground (count in mississippi's)
Compare the time the helicopter takes to fall with a plain sheet of paper, which is faster?
Colored paper
How many times does the colored paper rotate?
How long does it take to fall to the ground (count in mississippi's)
Compare the time the helicopter takes to fall with a plain sheet of paper, which is faster?
Do the two helicopters fall at the same speed?

Do the helicopters spin different amounts, if so, which spins more?



	Trial 1	Trial 2	Trial 3	Average
Flat Paper				
	# of Time Rotations			
White Paper Helicopter	# of Time Rotations			
Colored Paper Helicopter	# of Time Rotations			
Custom Helicopter	# of Time Rotations			



Feet per second to miles per hour conversion:
3600 sec = 1 Hour, 5280 ft = 1 mile
X = your numbers
<u>X</u>
Convert feet to miles: 5280
<u>X</u>
Convert seconds to hours: 3600
Divide miles by hours