



Robin Whirlybird



on her Rotorcraft Adventures.

Robin Whirlybird is an interactive, multimedia story in which grades K-4 learn about the structure, function and history of different types of rotorcraft.



Content:

- Rotorcraft (helicopters and tilt-rotor airplanes)
- Aviation Research
- Aeronautics
- Take Our Daughters to Work Day

Site Features:

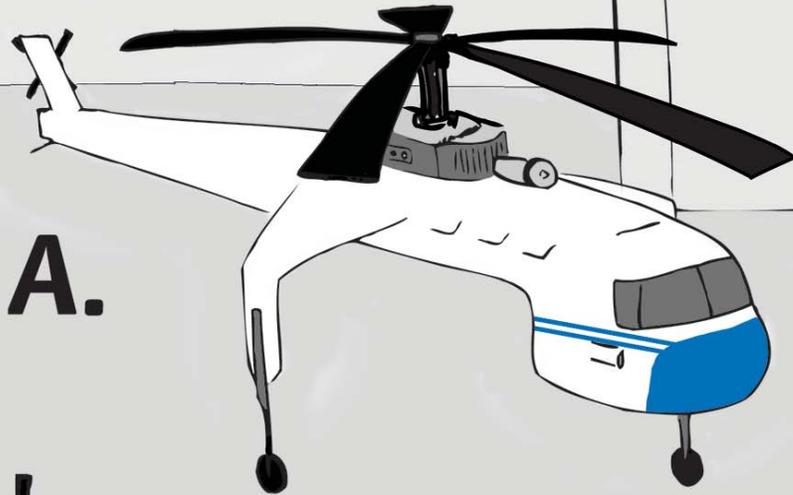
- Text, audio and visual
- Interactive activities and coloring pages
- Rotorcraft Timeline
- Think About It: comprehension questions
- Fact Sheets/Educational Briefs
- Story in multiple languages

Standards Addressed:

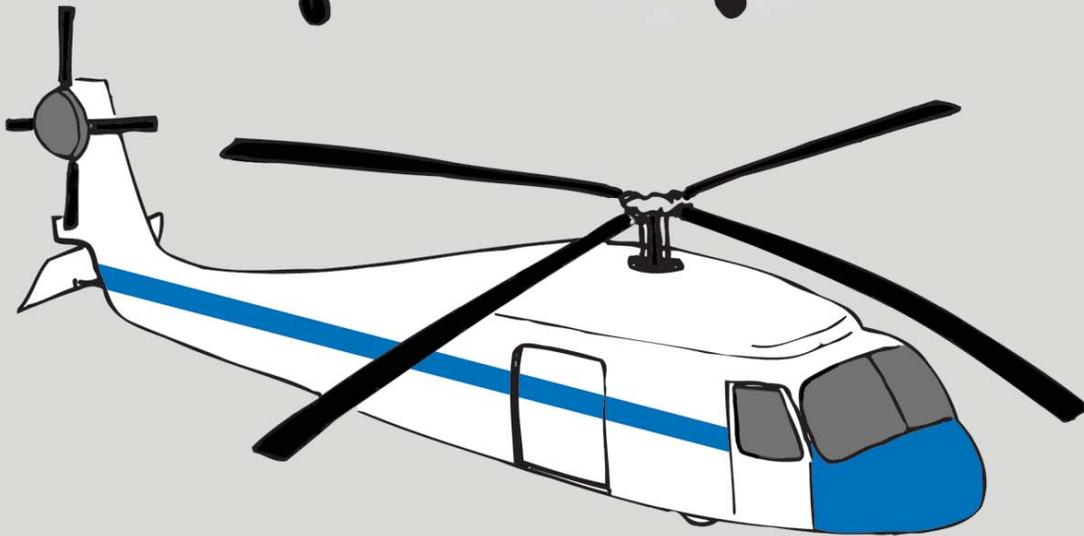
- Careers
- Technology
- Systems
- Forces and Motion
- Reading Comprehension

<http://rotored.arc.nasa.gov>

What is the purpose of



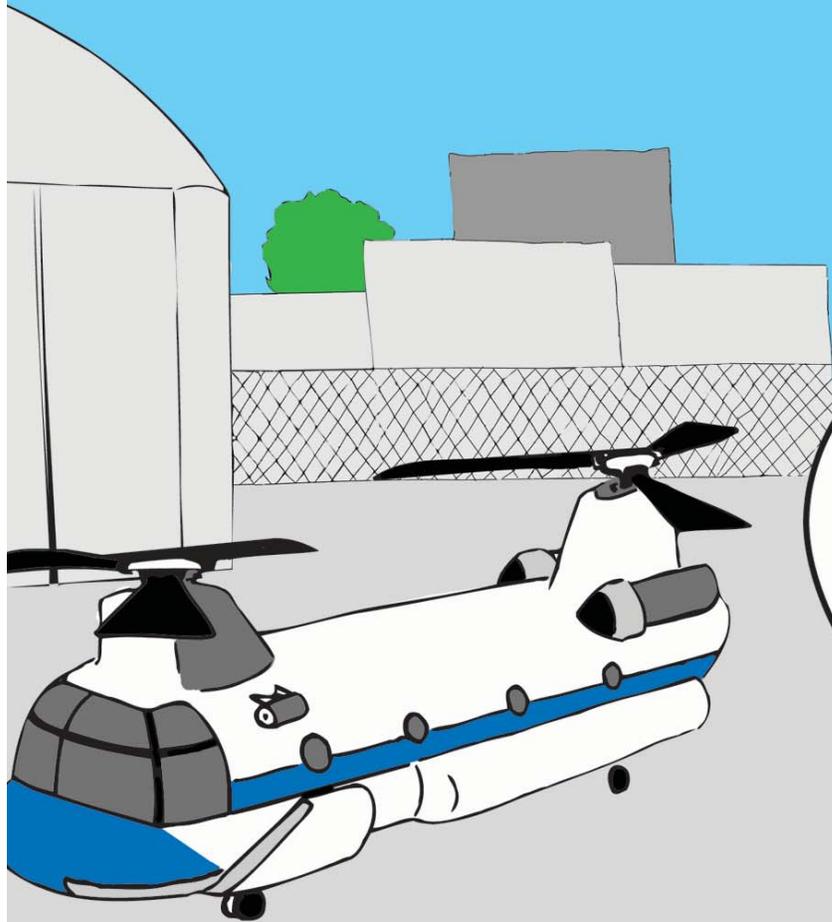
C.



B.

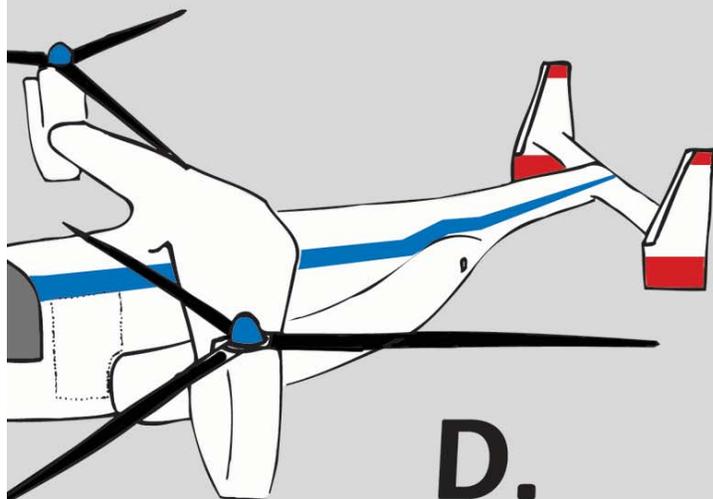


each of these aircraft?



Hi! I'm Robin Whirlybird.
Join me as I visit NASA
and learn about rotorcraft.

To answer my question, visit:
<http://rotored.arc.nasa.gov>



D.



Robin Whirlybird on her Rotorcraft Adventures

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Using this Poster

Off-line:

Discuss with students:

1. What do you think each of these aircraft were designed to do? Explain.
2. What do these aircraft have in common?
3. How do you think they fly?

Online:

Have students read or listen to the Robin Whirlybird story and engage in the activities.

Off-line:

Discuss what students learned about the questions above.



Answer Key

1. A. This helicopter is used to lift very heavy objects such as a mobile home or train engine.
B. This helicopter can carry 14 people or a large, heavy jeep!
C. This is a very large helicopter used to pick up big, heavy vehicles like trucks and small jets. It is also used to rescue people in the ocean.
D. This is a tilt-rotor which can take off like a helicopter and fly like a plane. It can carry 24 passengers in and out of a city.
- 2/3. All of these aircraft have long, flat parts that spin like pinwheels to lift them.



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