

ROBOT WORLD ROBOTS IN THE FIELD



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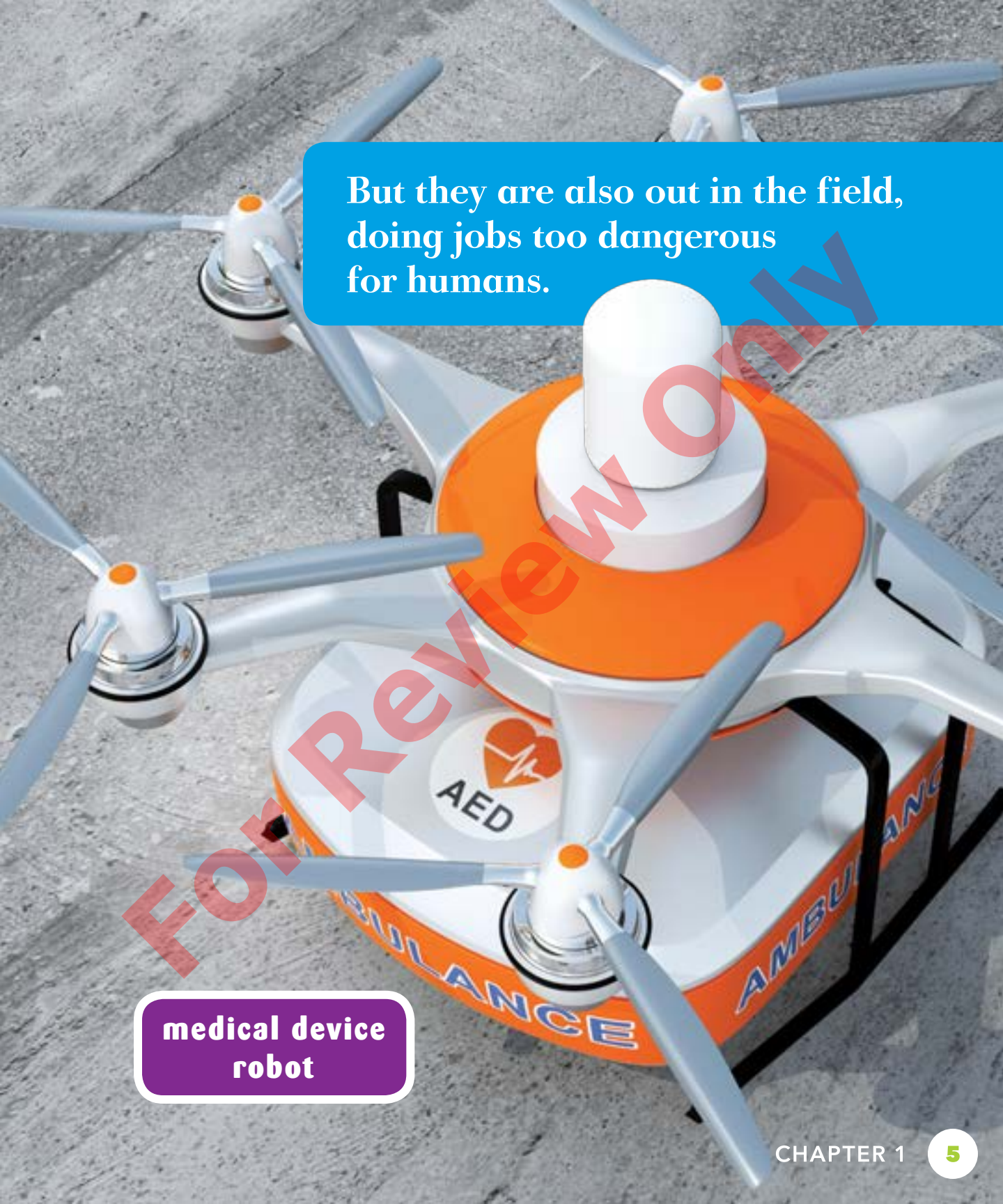


CHAPTER 1

WHAT DO THEY DO?

Robots are a part of our world. They are in our factories and in our homes. They are even in space.





But they are also out in the field,
doing jobs too dangerous
for humans.

**medical device
robot**

Robots **defuse** bombs and **land mines**. They carry soldiers' heavy loads. They search disaster sites to rescue survivors.

Robots work every day to make our lives safer. What are these machines? And how do they do it?





**military pack
robot**

CHAPTER 2

HOW DO THEY WORK?

In some ways robots are a lot like you. For example, how do you know to carry an umbrella when it is raining? You see or hear the rain. You decide an umbrella will keep you dry. You grab an umbrella.



A tracked robot with a camera and sensor suite is positioned in a desert environment. In the background, there are mountains and a building. A drone is flying in the sky above the robot.

Like you, a robot can sense, think, and act. First it gathers data. Then it makes a plan. Finally, it acts on that plan.