

WINGS OVER CHICAGO

Data Centers #6 · A Channel 5 Kids Adventure
with Lena Ashgrove and the Infrastructure Guard



CREDITS

Wings Over Chicago · Data Centers #6 · Kids edition (ages 6–9)

Story and production: GOTB Consulting, Chicago

Starring Lena Ashgrove, Commons, Gridline and Undertow

AI-GENERATED ART, FICTIONAL CHARACTERS

All characters, the town of Prairie Bend and Channel 5 are fictional. Any resemblance to real people is a coincidence. No real logos are shown.

Facts in this book were checked against public sources before printing.

Airport safety: stay with your grown-up, watch planes from inside the terminal or an observation deck, and never go near a runway!

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MEET YOUR GUIDES



**LENA
ASHGROVE**

Channel 5 host. She asks the big questions.



COMMONS

Public works boss. Lantern up!



GRIDLINE

Keeps the power moving.



UNDERTOW

Water hero. Knows every pipe.



LENA

LAST TIME WE RODE THE L. TODAY THE BLUE
LINE TAKES US ALL THE WAY TO THE AIRPORT!

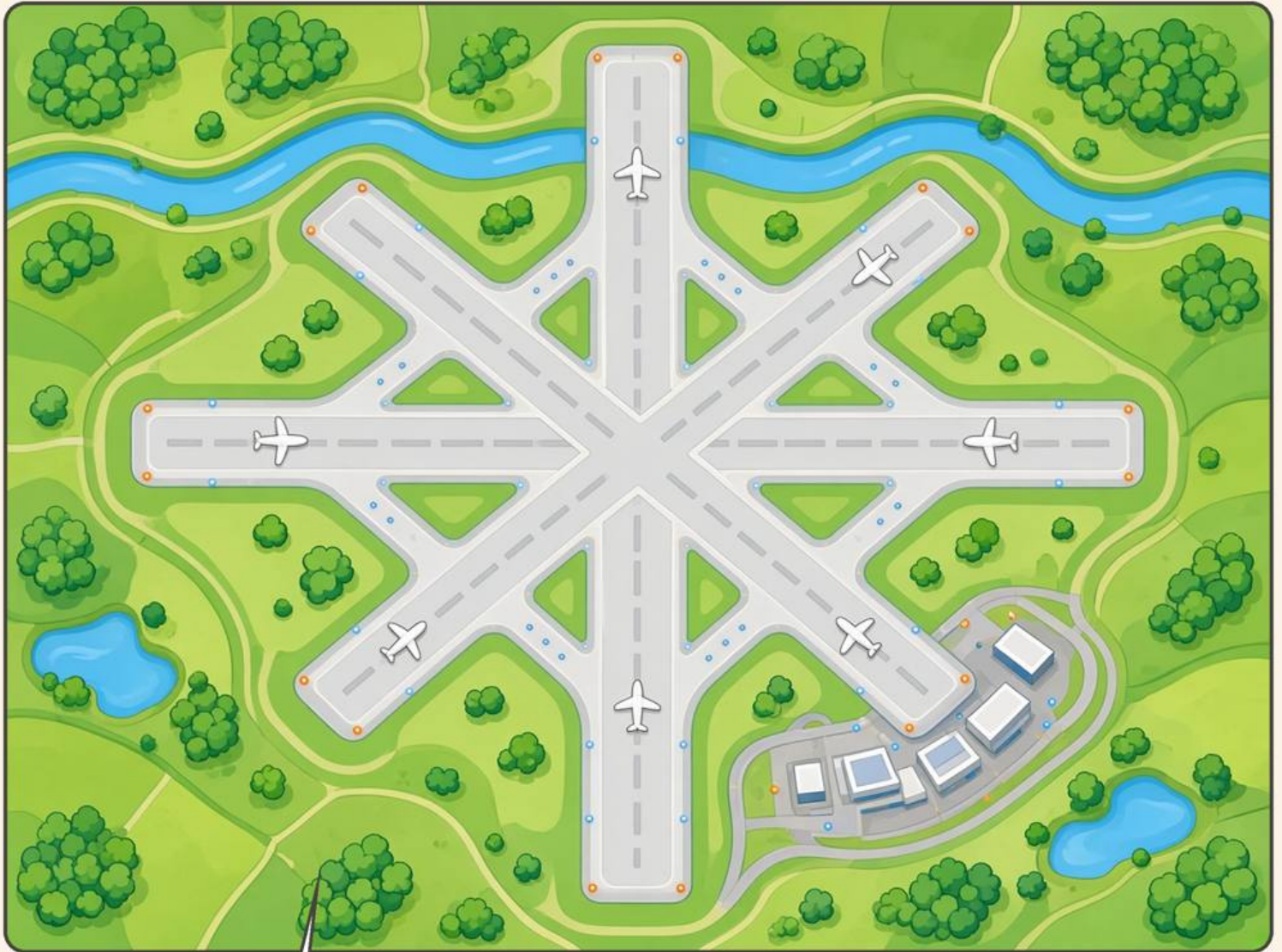


The Blue Line goes to O'Hare. The Orange Line goes to Midway, our other big airport.



COMMONS

GOOD MORNING, CREW! EAR PROTECTION ON,
VESTS ON. LET'S HELP THE PLANES!



LENA

VERIFIED

O'HARE HAS 8 RUNWAYS. THE LONGEST IS
13,000 FEET. THAT'S ABOUT TWO AND A HALF
MILES!



In 2025, about 85 million passengers went through O'Hare. Wow!



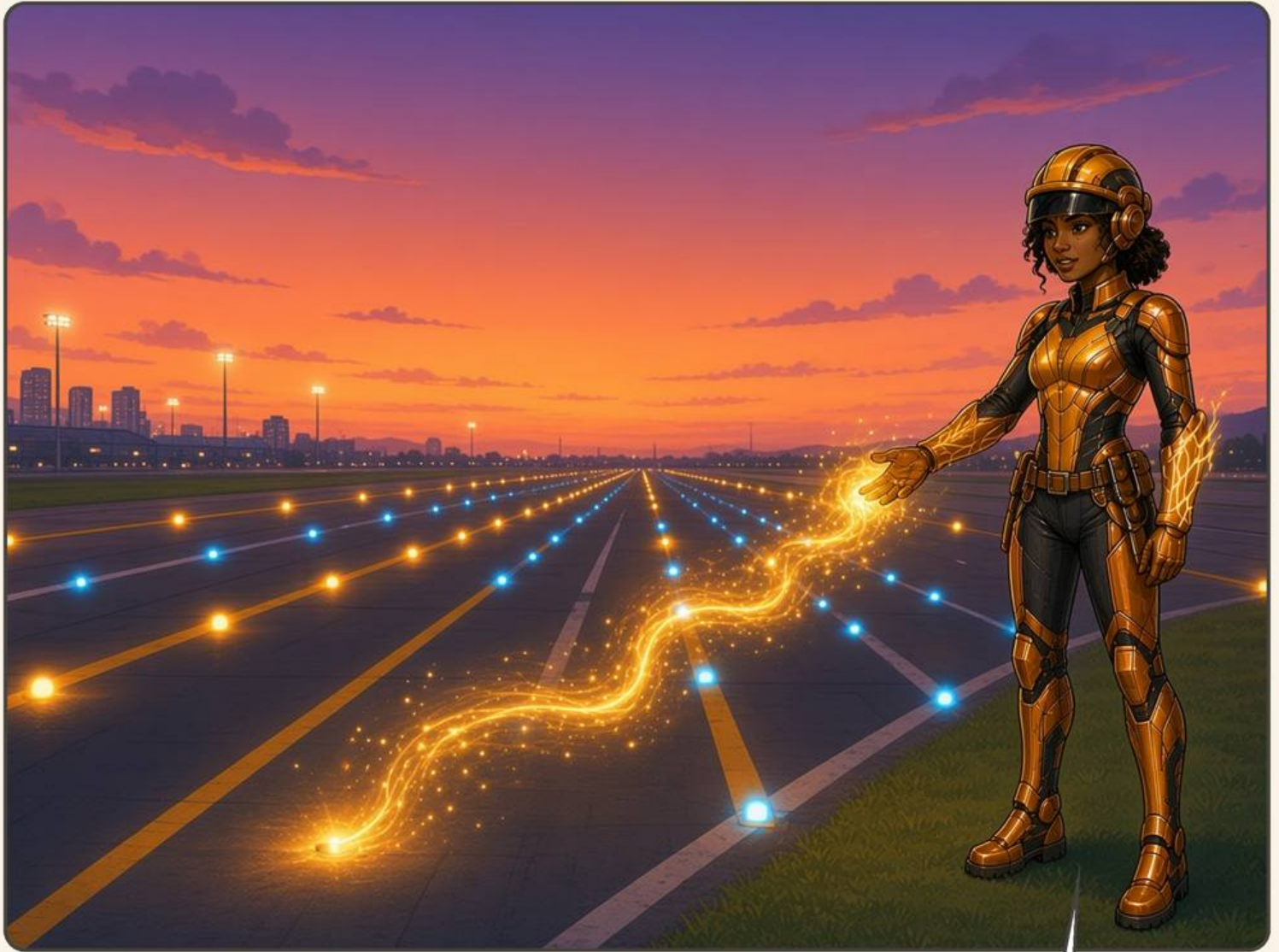
COMMONS

AIR TRAFFIC CONTROLLERS KEEP PLANES
SAFELY APART, LIKE CROSSING GUARDS FOR
THE SKY!



COMMONS

PLANES NEED FUEL, BAGS LOADED, AND A
CREW WAVING THEM IN WITH BRIGHT WANDS!



GRIDLINE

RUNWAY LIGHTS, TERMINALS AND TRAINS ALL
RUN ON ELECTRICITY. I KEEP IT FLOWING!



LENA

MIDWAY IS CLOSER TO DOWNTOWN AND HAS 4
RUNWAYS.



COMMONS

IN SNOWSTORMS, PLOW CREWS CLEAR
RUNWAYS SO PLANES CAN FLY SAFELY.



LENA

REPORTED

NEIGHBORS ASK QUESTIONS ABOUT AIRPORTS
TOO. GOOD QUESTIONS MAKE GOOD PLANS.



LENA

UP, UP AND AWAY! THANKS FOR FLYING WITH
CHANNEL 5!

Made with GOTB Consulting, who help plan the power, water and public works behind places like this.

WORDS TO KNOW

RUNWAY

A long, strong road where planes take off and land.

TERMINAL

The building where travelers check in and wait.

CONTROL TOWER

Where controllers keep planes safely apart.

APRON

The area where planes park, load and fuel.

GROUND CREW

Workers who help planes on the ground.

WANDS

Bright sticks used to guide planes.

SNOWPLOW

A truck that pushes snow off the runway.

TOWN HALL

A meeting where neighbors share ideas.

HOW A FLIGHT GETS READY

Trace the path with your finger, from start to finish.

TRAIN

Ride the train to the airport.



TERMINAL

Check in and wait at the gate.



CREW

Fuel goes in, bags go on.



WANDS

A crew member waves the plane out.



TOWER

Controllers say: clear for takeoff!



FLY

Up, up and away!

WORD SEARCH

Find these words. They go across, down, or slanted.

L	W	H	J	C	H	D	M	I	O	V	L
P	A	F	F	U	E	L	L	L	G	W	I
Y	L	N	W	V	R	U	N	W	A	Y	C
U	V	A	T	F	S	H	W	B	F	O	M
S	I	V	N	E	Y	S	A	H	A	W	K
B	N	H	B	E	R	K	N	M	I	G	C
C	G	O	T	Y	K	N	D	G	V	P	S
M	R	V	W	O	E	I	S	E	H	S	S
I	T	E	N	T	M	L	H	E	R	P	C
B	D	E	W	V	F	W	N	U	C	M	M
U	T	O	W	E	R	O	R	I	S	A	W
D	W	S	I	V	K	G	A	T	E	D	J

PLANE

RUNWAY

TOWER

CREW

FUEL

BAGS

WANDS

SNOW

GATE

LANTERN

QUICK QUIZ

Circle the best answer!

1. How many runways does O'Hare have?

8

100

2. Who keeps planes safely apart?

Air traffic controllers

Pilots' pets

3. What do ground crews wave?

Bright wands

Flags of candy

4. Which train goes to O'Hare?

The Blue Line

A rocket

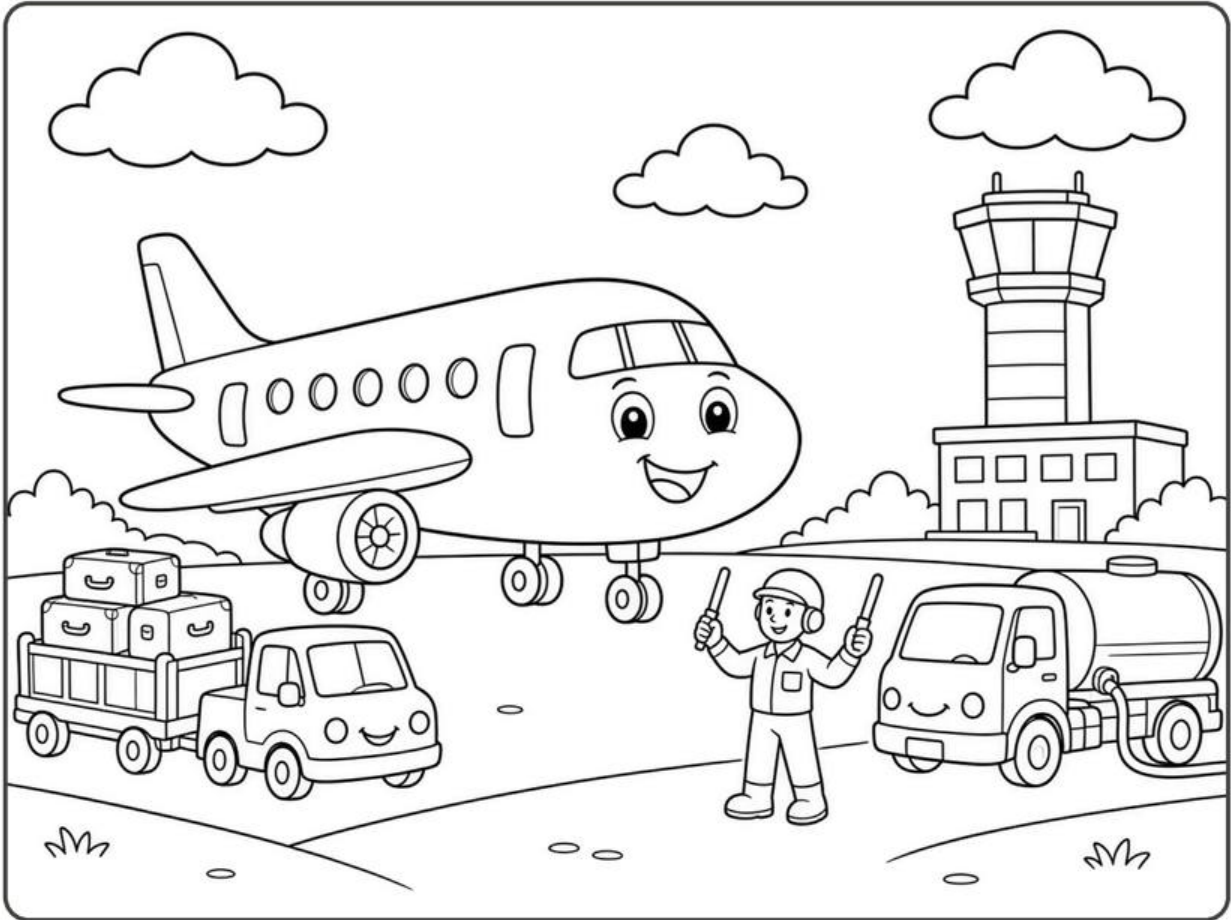
5. What clears snow from runways?

Snowplows

Hair dryers

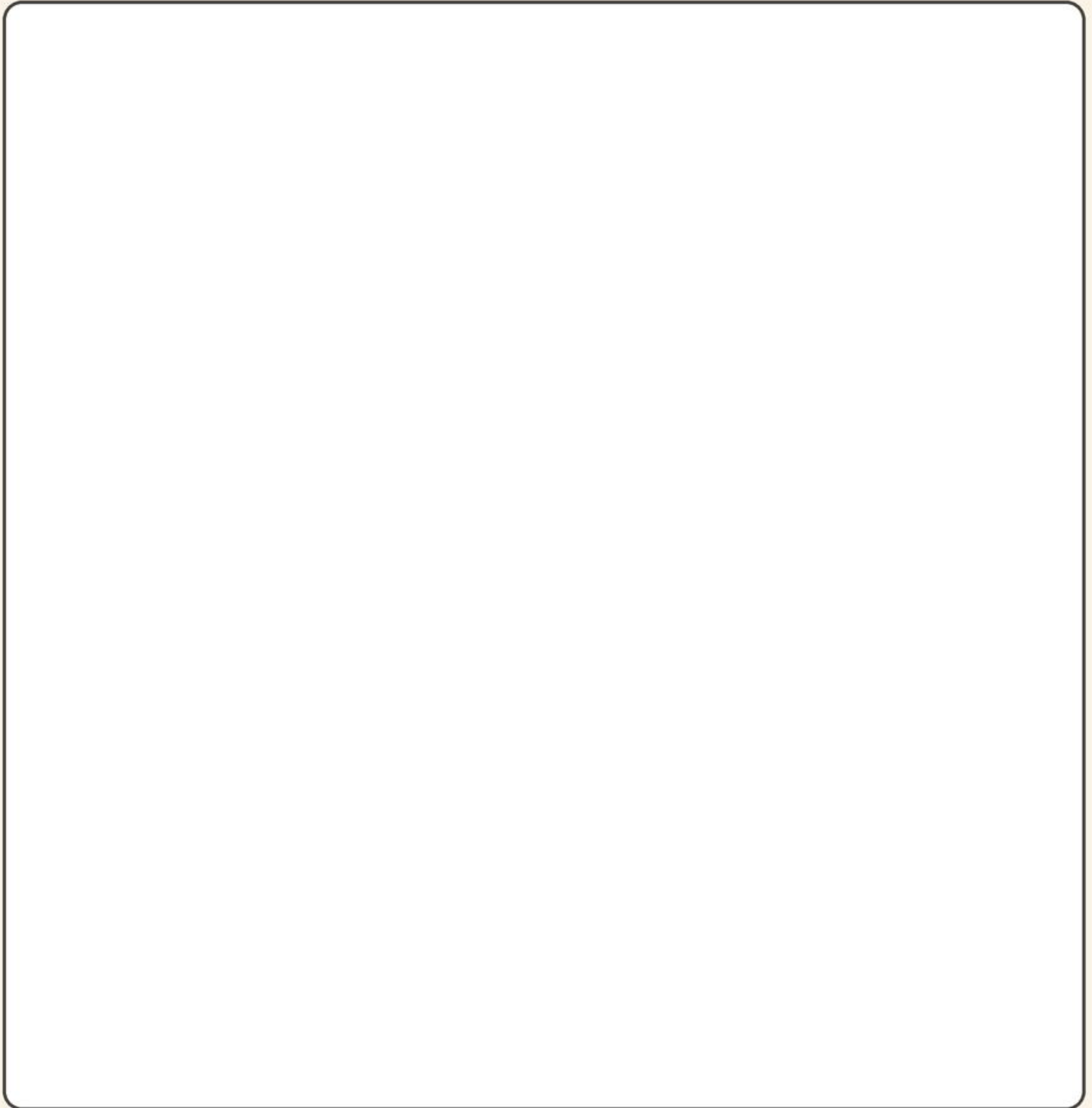
Answers: 1 8 · 2 air traffic controllers · 3 bright wands · 4 the blue line · 5 snowplows

COLOR THE AIRPORT



DESIGN YOUR AIRPLANE

Draw a plane that could take your family on a trip!



My plane flies to: _____

LET'S TALK ABOUT IT

Questions to share with a grown-up

HAVE YOU EVER BEEN TO AN AIRPORT? WHAT
DID YOU SEE?

WHY DO GROUND CREWS WEAR EAR
PROTECTION?

WHICH AIRPORT JOB WOULD YOU LIKE TO
TRY?

WHAT QUESTION WOULD YOU ASK AT A TOWN
HALL ABOUT AIRPORTS?

ABOUT GOTB CONSULTING

GOTB Consulting is a Chicago team that helps plan the big systems towns depend on.

We work on four things you saw in this book:

DATA CENTERS

Where the cloud lives

POWER

Electricity for homes and buildings

WATER

Clean water and smart cooling

PUBLIC WORKS

Roads, pipes and places for people

THE END!



THANKS FOR FLYING WITH US!

Next time: more adventures with the Infrastructure Guard!

GOTB CONSULTING • CHICAGO

Data centers • Power • Water • Public works

AI-generated art, fictional characters