ACTIVITY BOOK

COLORING
WORD SEARCH
FILL-IN-THE-BLANKS
CONNECT-THE-DOTS
MAZES... AND MORE
Inside Front Cover
(BLANK)
FILL-IN-THE-BLANKS

WELCOME TO HELICOPTER FLIGHT TRAINING SCHOOL

Congratulations on your acceptance to MD Helicopter’s __________ flight school. Only __________ out of __________ applicants are accepted, so you should be very __________.

As a trained pilot, you will be asked to __________ __________ your helicopter in all kinds of weather, even __________ and __________.

Your instructor, Capt. __________ Wigginton has __________ hours flying MD Helicopters, so you will be in __________ hands.

"__________, __________! Being a helicopter pilot is __________!"

Before we get started with your training, there are a few things you should know.

1. I will not fly without my favorite __________.
2. I only eat __________ before a flight.
3. I must drink __________ ounces of __________ every __________ or I will __________.

If I don’t get these things, I can’t promise we will return to base __________. If there are no __________, and you are __________ pull pitch, let’s __________!"
MD Helicopters, Inc. is a leading manufacturer of commercial, military, law enforcement and air-rescue helicopters. This legendary company traces its roots back more than 60 years to iconic American businessman, innovator and aviator Howard Hughes when the Hughes Tool Company, Aircraft Division first started to develop “light helicopters” in 1955.

Today, the MDHI family of rotorcraft is world renowned for its value, versatility and performance, and includes the twin-engine MD 902 Explorer, and a fleet of segment-leading single-engine aircraft that include the MD 500E, MD 520N, MD 530F, MD 530F Cayuse Warrior, MD 530G and MD 600N. The innovative NOTAR® system for anti-torque control with no tail rotor – a key feature of the MD 902, MD 600N and MD 520N – is used exclusively by MD Helicopters to provide safer, quieter performance and confined-area access capability.

The Story

Purchased by Lynn Tilton in 2005, MD Helicopters has enjoyed a successful turnaround. Driven by a revitalized commitment to American Manufacturing, MD Helicopters is building a future that is as industry-leading as our fabled past; leaning forward to continue Howard Hughes’ legacy of disruption and cutting-edge design. We are committed to develop and integrate next generation manufacturing processes and technologies, and to deliver aircraft unmatched in their elegance, performance and reliability.
Over the Manhattan Skyline
The NOTAR® (No Tail Rotor Technology System) anti-torque system, exclusive to MD Helicopters, eliminates all of the mechanical disadvantages of a tail rotor, including long drive shafts, hanger bearings, intermediate gearboxes and ninety-degree gearboxes. Using the natural characteristics of helicopter aerodynamics, the NOTAR® system provides safe, quiet, responsive, FOD-resistant directional control.
MD Helicopters, Inc. has delivered preferred rotorcraft solutions for airborne law enforcement operations for more than 50 years. With aircraft that are fast, safe and agile, MD Helicopters’ airframes are perfectly suited for the most demanding missions; from ground support and SAR, to SWAT and special operations. MDHI’s single-engine workhorse, the MD 530F, is particularly suited to law enforcement operations, engineered to meet the performance requirements for hot-day, high-altitude operation, while offering the lowest cost of ownership in its class.
MISSION: MILITARY

MISSION: LAW ENFORCEMENT

FILL-IN-THE-BLANKS

Catch a Thief

It was just about _________ when the _____________ police department called for their _____________ Air Unit, known as Air ___________. A/an _____________ flown by ____________ Capt. ____________, Air _____________ was dispatched in response to _________ noises reported at a local _____________. “Air _____________, this is Dispatch. _____________ citizens on _____________ Road have reported _________ noises and a/an _____________ shape just outside their _____________.” “Copy that, Dispatch. On our way.” The helicopter _____________ through the sky barely above the top of the houses. As Tactical Flight Officer ____________ operated the searchlight, Capt. ____________ used the _____________ camera to track _________ of objects ____________ below.” Dispatch, this is Air _____________. We have identified the disturbance. It seems a family of _________ are _________ in a pile of _________ outside the reported location. Please call _________ to _________ removal. “Copy, Air _____________. Think I’ll ask them to hold on to one for me. _____________ are _____________! I’ve always _________ one as a pet!”
Help the Police helicopter pilots find and arrest the bank robber.
Find and circle the law enforcement words.

WORDS

<table>
<thead>
<tr>
<th>Law Enforcement</th>
<th>Air Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surveillance</td>
<td>Patrol</td>
</tr>
<tr>
<td>Operation</td>
<td>Pursuit</td>
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<tr>
<td>Protect</td>
<td>Emergency</td>
</tr>
<tr>
<td>Serve</td>
<td>Arrest</td>
</tr>
</tbody>
</table>
CONNECT • THE • DOTS

MISSION: LAW ENFORCEMENT

FRESNO COUNTY
MISSION: LAW ENFORCEMENT

COPY IT

Use the grid to copy the helicopter. Then color it in.
Design your own helicopter
Below are some examples and graphics to inspire you.

Mission: Law Enforcement
MD 530F ·
The ability for first-responders to reach and treat patients quickly can be the difference between life and death. In the critical realm of air medical operations, there is no room for compromise or excuse. With more than 100,000 mission hours flown, the twin-engine MD 902 Explorer delivers dependable, versatile, and powerful performance. Equipped with the MDHI-exclusive no tail rotor NOTAR® system for anti-torque control, the MD 902 provides safer, quieter and more reliable confined-access capability than any other helicopter in its class.
Help the EMS helicopter pilots find the helipad on top of the hospital.
WORD SEARCH
Find and circle the EMS words.

Injury
EMS
Air Ambulance
Paramedic
Medical
Life Saver
Transport
Patient
Treatment
Trauma
CONNECT • THE • DOTS

Starflight
COPY IT
Use the grid to copy the helicopter. Then color it in.

MISSION: EMS
Below are some examples and graphics to inspire you.

MISSION: EMS

MD™ 902 EXPLORER
MD Helicopters has delivered 60 years of scout attack helicopter dominance to U.S. and Allied Nation forces. The company’s MD 530-based fleet of purpose-built attack helicopters are world-renowned as proven, reliable performers, enabling combat commanders to effectively and efficiently control the battlespace. Evolved from the combat-proven OH-6 airframe, MD Helicopters’ MD 530F Cayuse Warrior and MD 530G Attack Helicopter are among the most capable helicopters in their class.
MISSION: MILITARY

FILL-IN-THE-BLANKS

Helicopter to the Rescue

A Squadron of ______ soldiers was out on patrol in ____________ when they heard a/an __________ noise. “__________!” Together, they moved ___________ towards the noise that was still _____________ in the air.

Advancing ____________ around the last boulder, they were surprised to find a herd of ___________ eating everything in their _____________. Clearly these ___________ were very ___________. They weren’t just eating what was inside the vehicle, they were eating everything! Who knew ___________ to the ___________, to the ___________ and even ___________ was being eaten! The soldiers looked everywhere to find something to distract them, but there was only ____________! Finally, the squad leader ____________ back to base: “Command, this is Squadron leader ____________ requesting helicopter evacuation.” “What’s your location, ____________? Is anyone ____________? “No, No ____________, Command. We are ____________ from our transport vehicle.” “Is the vehicle under attack, ____________? “Um, you could say that ……”

Shortly an ____________ arrived and ____________ the Squadron back to base ____________.
Help the military helicopter pilots safely arrive at their base.
Find and circle the military words.

WORDS

Cayuse Warrior  Combat
Missile  Little Bird
Gunship  Camo
Warfighter  Military
Scout Attack  Mission
Use the grid to copy the helicopter. Then color it in.
Design Your Own Helicopter

Below are some examples and graphics to inspire you.

MISSION: MILITARY

MD 530G®
MISSION: UTILITY

From the precision of power line installation and maintenance to agricultural spraying, electronic news-gathering, herding, logging, offshore operations, pest control and general transport, MDHI helicopters are operated worldwide in the execution of a wide range of commercial utility operations. These missions require rotorcraft that feature robust design, reliable performance, efficient operation and cost-effectiveness; characteristics that are synonymous with MD Helicopters’ iconic airframes.
MISSION: UTILITY

HUGHES 369

Repairing the iconic Hollywood Sign in 1978
The Bird and the Bugs

Mother Nature is a great lady, but there are few things as __________ as trying to __________ outside while _______ _______ are all around you. In ________________, ______________ and other insects are especially troublesome! Whether in ___________ or ___________, kids and parents spend about as much time trying to get away from bugs as they do _______ _______ ________, or even doing the _______ _______! The folks in ________________ have had enough! They brought out the big guns - so to speak - fighting _______ _______ _______ with an -adjective- bird, the _______ _______. That’s right! Big or small, bugs can’t hide from a _______ _______ _______ equipped with _________ _______ _______! Able to reach any and all super-secret bug hiding places, these bug-fighting birds are can’t be beat for keeping critters under control!
Lower the rope to help rescue the injured skier.
WORD SEARCH
Find and circle the utility words.

WORDS

<table>
<thead>
<tr>
<th>Tailrotor</th>
<th>Tailboom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Rod</td>
<td>Windscreens</td>
</tr>
<tr>
<td>Collective</td>
<td>Skid</td>
</tr>
<tr>
<td>Turbine</td>
<td>Swashplate</td>
</tr>
<tr>
<td>Altimeter</td>
<td>Drivelink</td>
</tr>
</tbody>
</table>
CONNECT • THE • DOTS

MISSION: UTILITY

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COPY IT

Use the grid to copy the helicopter. Then color it in.
Below are some examples and graphics to inspire you.

MISSION: UTILITY

MD 600N®
Answer Key

Mazes

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Word Search

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