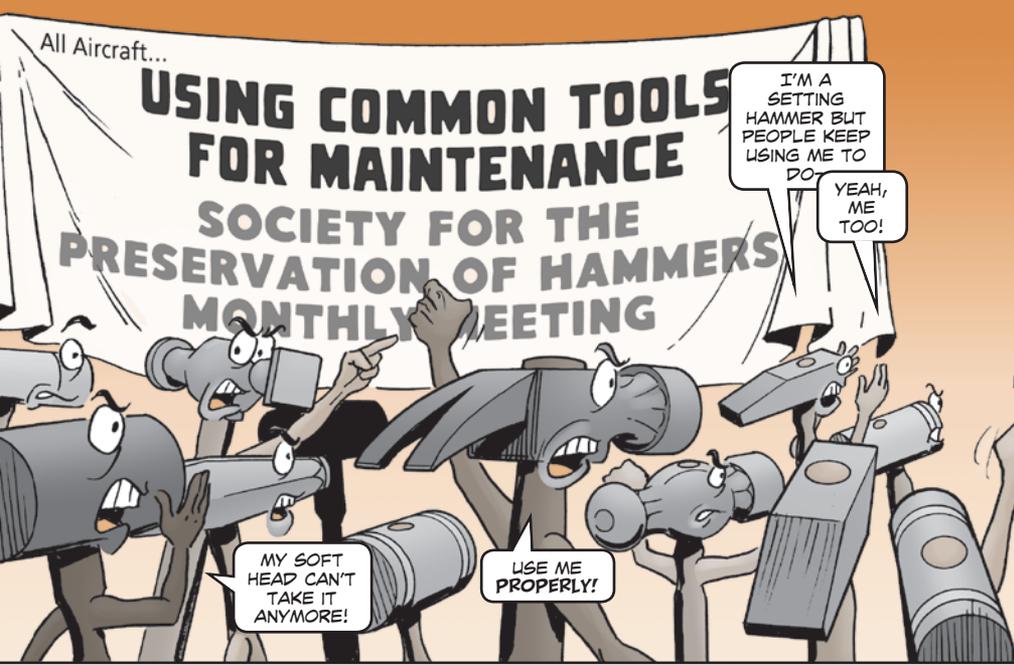


All Aircraft...

USING COMMON TOOLS FOR MAINTENANCE

SOCIETY FOR THE PRESERVATION OF HAMMERS MONTHLY MEETING



I'M A SETTING HAMMER BUT PEOPLE KEEP USING ME TO DO

YEAH, ME TOO!

MY SOFT HEAD CAN'T TAKE IT ANYMORE!

USE ME PROPERLY!

NO MORE ABUSE!!

ORDER! ORDER! ORDER!



BANG! BANG!!
HEY, MAN, HAVE A HEART! NOT SO HARD!!



TECHNICALLY YOU'RE A GAVEL, NOT A HAMMER -- SO I DON'T HAVE TO LISTEN TO YOU!



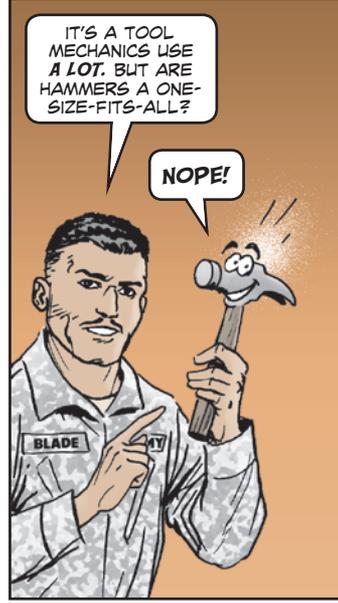
MECHANICS, AIRCRAFT MAINTENANCE IS NOT ABOUT GRABBING A TOOL AND GOING TO WORK. IT'S ABOUT USING THE RIGHT TOOL TO DO MAINTENANCE THE RIGHT WAY.

USING THE WRONG TOOL WASTES TIME, REDUCES EFFICIENCY, AND PUTS YOU AT RISK OF INJURY.



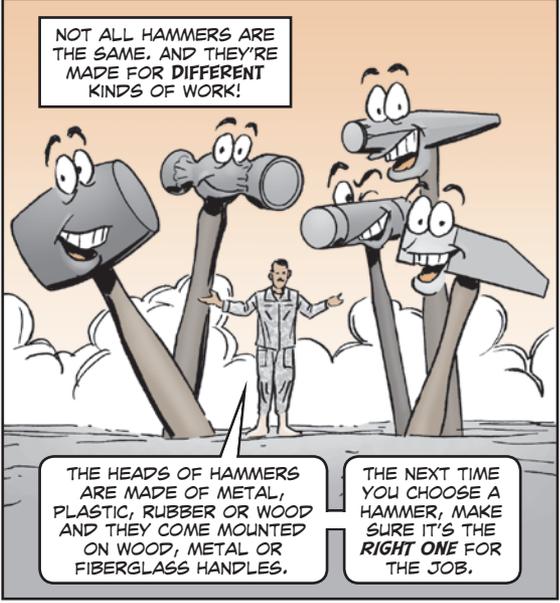
TAKE THE **COMMON HAMMER** FOR INSTANCE.

HELLO!



IT'S A TOOL MECHANICS USE A LOT. BUT ARE HAMMERS A ONE-SIZE-FITS-ALL?

NOPE!



NOT ALL HAMMERS ARE THE SAME. AND THEY'RE MADE FOR DIFFERENT KINDS OF WORK!

THE HEADS OF HAMMERS ARE MADE OF METAL, PLASTIC, RUBBER OR WOOD AND THEY COME MOUNTED ON WOOD, METAL OR FIBERGLASS HANDLES.

THE NEXT TIME YOU CHOOSE A HAMMER, MAKE SURE IT'S THE **RIGHT ONE** FOR THE JOB.

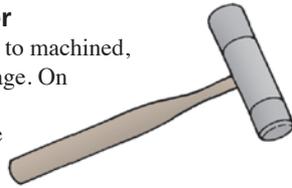
FOR THE FINER POINTS ON **HAMMER CARE AND MAINTENANCE**, CHECK OUT CHAP 4 OF TM 1-1500-204-23-9, **GENERAL AIRCRAFT MAINTENANCE (TOOLS AND GROUND SUPPORT EQUIPMENT)**.

NOW LET'S HAMMER OUT THE DETAILS ON TYPES OF HAMMERS AND MALLETS YOU'LL FIND IN YOUR TOOL BOX.



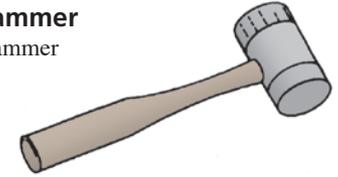
Soft-Faced Hammer

This hammer can be used for power hits and blows to machined, highly polished or soft surfaces without causing damage. On certain models, the hammer faces can be replaced if damaged or if you need a different hardness. They are color-coded for toughness or hardness.



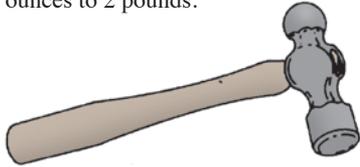
Lead or Copper Hammer

If you want to align steel surfaces, this is the hammer to use. Remember that you can file the hammer's working surface to restore even faces.



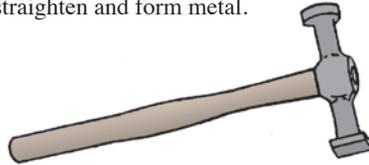
Ball Peen Hammer

This hammer is more commonly used by mechanics. The head is steel and comes in various weights ranging from 4 ounces to 2 pounds.



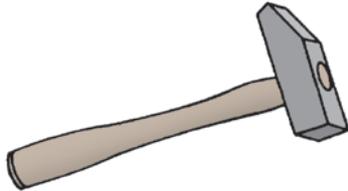
Body Hammer

Always use a body hammer to straighten and form metal.



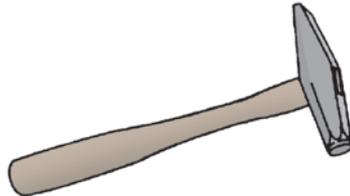
Setting Hammer

This hammer allows you to level sheet metal, bend edges and set double seams. Notice that it has a square, flat face on one end of the head and a sloping, beveled edge on the other end.



Riveting Hammer

This hammer isn't hard to figure out. Its name identifies its purpose. When driving rivets and doing some light chiseling, this is the best hammer. It has a head that is cross peened on one end with either a square or cambered face on the other.

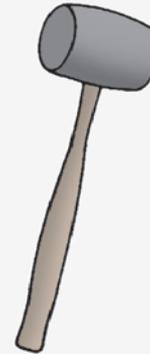


Mallets

When a metal hammer is too much for a job, your maintenance task may require a mallet because the surface of the equipment may need a softer touch. Here are the types of mallets available.

Rubber Mallet

Rubber mallets have a cylindrical head. Use this tool only when you are forming sheet metal or driving dowels and small stakes.



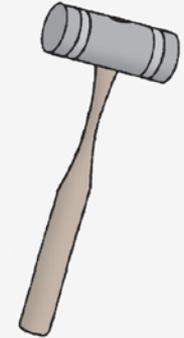
Rawhide Mallet

This mallet forms and shapes metal. You'll notice that it has a cylindrical head. It is made of tightly wrapped and staked sheets of leather.



Tinner's Mallet

The tinner's mallet can be used only to form and shape sheet metal. It has a cylindrical wooden head that's 1 1/4 to 3 1/4 inches in diameter. It's about 3 to 6 inches long.



KEEP THESE TIPS IN MIND WHEN YOU ARE USING HAMMERS AND MALLETS.

- Never use a hammer for bumping parts.
- Never use a hammer as a pry bar because the handle can split and injure your hand.
- Never repair a damaged handle. Always replace it instead.
- Always wear eye protection when hammering. That keeps metal splinters from getting into your eyes.
- Make sure the hammer head is secure and tight so it won't fly off and injure another person.
- Always grip the hammer near the end of the handle and strike surfaces evenly.

TAKE HAMMER MAINTENANCE SERIOUSLY AND FOLLOW THE TM FOR HAMMER MAINTENANCE.

THEN YOU'LL BE SAFE RATHER THAN SORRY.