

# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Mission

Provide youth (ages 12-17) with an aircraft build/restoration experience and support their interest in aviation.

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## Personnel

### All Adult Build Program volunteers:

- Must be members in good standing of EAA and Chapter 663.
- Must complete the required Personal Safety Training Program.
- Must complete the EAA Youth Protection Training Program and basic background check.
- Must monitor youth behavior during chapter activities.
- At least two adults shall always be present when youth activities are being conducted.
- Outside of chapter activities, Volunteers should limit their communications with youth to meeting times and places.
- Adults working with youth must be aware of their responsibilities, limitations and vulnerabilities. Youth must never be left unattended.

### Program Coordinator:

- Coordinates activities of the Safety Trainer and adult volunteer mentors.
- Ensures all requirements of youth program activities are being followed.
- Ensures each work session is planned to make sure parts, tools and equipment are available.
- Ensures facility is available and maintained in a safe condition for all participants.
- Ensures facilities are listed and covered under EAA insurance.
- Ensures all permission forms are signed and available during work sessions.

### Program Safety Trainer:

- Instructs all adult volunteers and youth participants on the safe use of hand tools and equipment.
- Ensures that all tools and equipment available to be used are in safe working order.
- Provides all participants with required safety protection.
- Maintains records of safety incidents, training and testing.
- Reassess training program on a regular basis to ensure safety culture and practices are current.

### Adult Mentors:

- Help plan and supervise the build process.
  - Maintain order and control in the shop.
  - Report any incident or accident to the Program Coordinator.
  - Provide emergency care until medical responders arrive.
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## Youth Participants and Permission Forms

### Youth Participants:

- Must complete the Student Application Form (Attachment 1) There are a limited number of openings for this project. A committee of project mentors will select applicants based on their suitability for this program.
  - Will ensure parent has completed the Aircraft Build Program Waiver and Permission Slip (Attachment 2), Consent to Use Likeness for Photos, Videos and Images and Release of Claims (Attachment 3), and Permission/Contact Form (Attachment 4).
  - Must complete the required Personal Safety Training Program including Hand Tools – General Guidelines and Safety Rules (Attachments 5-10) and pass the Hand Tools Safety Test (Attachments 11-12) with a score of 100%.
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## Facility and Equipment

### Aircraft Hangar Facility

- The aircraft build facility is located at a Five Rivers Aviation hangar which has rear access for public visitation.
- All youth build activity is located at this facility.
- Smoking, eating or drinking are forbidden in the work area except in designated areas.
- All participants in the build process are responsible to maintain the work area in a clean and orderly condition.

### Equipment

- Adult volunteers will ensure all tools and equipment are maintained in good working order and all parts and materials are properly identified and stored to protect them from damage or deterioration. Any flammable, toxic or volatile materials must be properly identified and stored.
  - Youth participants will ensure all tools and equipment are used in the proper manner and returned to their appropriate storage location.
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## Technical Data

### Instructional Materials

- The currency of all drawings, diagrams, plans, specifications and work instructions shall be confirmed before use.
  - Aircraft technical data shall be followed in all cases unless expressed deviation is approved by an adult mentor.
  - Youth participants should always consult with an adult mentor if discrepancies are found in parts or instructional materials.
  - Aircraft build reference materials are available at the facility and maintained by the adult mentors.
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## Safety

### Safety Training

- The Safety Officer will conduct safety training for all adult and youth airplane build participants.
- Safety training will consist of a demonstration of all hand tools and powered equipment.
- Each youth participant will receive handout material describing proper tool usage (Attachments 5-10).
- If an injury incident occurs, it is important to immediately assess the nature of the injury. Any evidence of unconsciousness, non-responsiveness, dizziness or flowing blood shall immediately trigger a 911 call and emergency care until medical responders arrive.
- An incident report must be completed stating the facts of what occurred and be submitted to the Safety Officer or Program Coordinator.

### Testing

- A 20-question open book test will be administered to all participants. (Attachments 11-12)
  - Passing score is 100%. Participants receiving less than 100% may re-take the test after additional training specific to the questions missed.
  - Test records will be maintained until youth reaches age 21 or when an adult leaves the program.
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# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Attachment 1

### STUDENT APPLICATION FORM

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_, CA Zip: \_\_\_\_\_ Birthdate: \_\_\_\_/\_\_\_\_/\_\_\_\_

Email: \_\_\_\_\_ Cell phone: \_\_\_\_\_

Parents' Names: 1) \_\_\_\_\_ 2) \_\_\_\_\_

Parents' Emails: 1) \_\_\_\_\_ 2) \_\_\_\_\_

Parents' Phones: 1) \_\_\_\_\_ 2) \_\_\_\_\_

School Attending: \_\_\_\_\_

Grade Level: \_\_\_\_\_ Faculty Reference Name: \_\_\_\_\_

What is your form of transportation to reach the Livermore Airport for work sessions?

\_\_\_\_\_

Please tell us why you want to be involved in this activity: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Describe other aviation or shop activities in which you have been involved:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Attachment 2

### Aircraft Build Program Waiver and Permission Slip

I give my permission for the young person listed below (the "Minor Participant") to participate in the above Chapter Activity. I represent and warrant that I am the Minor Participant's parent or legal guardian and that I have the authority to enter into this Agreement on behalf of the Minor Participant. In consideration for being allowed to take part in the Chapter Activity, the Minor Participant and I agree as follows:

**Assumption of Risk.** The Minor Participant and I understand that participation in some activities involves risks, and that we can obtain more detailed information about the above Chapter Activity from the Activity Leaders. Injury, including serious injury or even death can result from many causes, including without limitation improper use of tools by the Minor Participant or others, defective tools, improper or inadequate instruction or supervision, dangerous weather or terrain, structural failure, arguments or fighting, failure of the Minor Participant or others to follow instructions and behavior standards provided by the Activity Leaders and other chapter volunteers, and other physical, mental and emotional challenges. The Minor Participant and I (for ourselves, our heirs, family members, personal representatives and assigns) understand that participation in the Chapter Activity is completely voluntary, and hereby assume all risks and full responsibility for any injury or death arising from taking part in the Chapter Activity.

**Agreement to Waive Liability and Not to Sue.** The Minor Participant and I (for ourselves, our heirs, family members, personal representatives and assigns) hereby release and discharge: (a) The Chapter and its Leader(s); (b) Experimental Aircraft Association, Inc. ("EAA"); (c) EAA Aviation Foundation, Inc.; (d) any medical institution, including without limitation any ambulance service that provides services in an emergency; and (e) the officers, directors, members, employees, medical personnel, agents, divisions, affiliates and volunteers of each of those entities (collectively, the "Releasees") from, and agree not to sue the Releasees or any of them for, any and all claims against any of the Releasees for any injury or death arising from the Minor Participant's participation in the Chapter Activity. This release, discharge and agreement not to sue applies to all legal rights, including those resulting from any negligence of Releasees, other than those resulting from the gross negligence or willful misconduct of such Releasee.

**Emergency Medical Response.** In case of an emergency involving the Minor Participant, I understand that efforts will be made to contact me. If I cannot be reached in a reasonable time period, I give permission to the Chapter and Activity Leader(s), and to emergency and medical personnel and institutions, to secure and provide appropriate medical treatment, in their best judgment, including hospitalization, anesthesia, surgery, and/or injections of medication to the Minor Participant. I authorize medical providers and record-keepers, in their best judgment, to disclose protected health information to Chapter and medical personnel who are involved in responding to the emergency.

**Legal Advice.** I know that I can talk to my legal advisor about this Agreement and I have either done so or chosen not to. I understand that I have the right and have been given the opportunity to object to and bargain about the provisions of this Agreement. I am voluntarily signing this Agreement and intend it to be the unconditional release of all liability to the greatest extent allowed by law.

If the Minor Participant is 15 years old or older, I DO / DO NOT agree that he/she may sign himself/herself in and out of the Activity. (Please circle one)

_____	_____	_____	_____
Minor Participant Name	Date of Birth	Home Telephone.	Cell Phone
_____			
Minor Participant Address			
_____	_____	_____	_____
Parent/Guardian Signature	Date	Home Telephone	Cell Phone
_____	_____		
Parent/Guardian Name (Print)	Address		

# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Attachment 3

### Consent to Use Likeness for Photos, Videos and Images and Release of Claims

As part of the consideration for being able to participate in an Experimental Aircraft Association, Inc. (“EAA”) event, including without limitation attending Eagle Flights programs and other aviation-focused programs, rallies, workshops, activities and events (collectively, “Aviation Events”), held and/or hosted by the EAA Chapter listed above (the “EAA Chapter”), I, as the individual signing this Consent and Release, hereby, absolutely and irrevocably, agree as follows:

- 1. Use of Name and Likeness.** I grant to the EAA Chapter, along with EAA and EAA Aviation Foundation, Inc. (“Foundation”), the respective officers, directors, employees, licensees, assigns, successors, agents of those entities, and those acting with their authority and permission (each an “EAA Releasee” and, collectively, the “EAA Releasees”) the absolute unrestricted right and permission, in perpetuity, to use my likeness, image, recorded voice, appearance, statements and performance, made or taken in connection with the Aviation Events (collectively, “Images”) and to use, re-use, publish and re-publish, display, perform and reproduce the Images, in whole or in part, without my review, inspection or approval in any manner, individually or in conjunction with other products, images, photographs, videos, recordings, presentations, audio works, audiovisual works, representations, likenesses, captions, text, or other matters, materials or files for use in any form of media, now known or later developed, throughout the world, at any time, in connection with any EAA Chapter, EAA or Foundation activities, programs, publications, advertisements, promotions and/or publicity efforts. I acknowledge and agree that the EAA Releasees shall have complete ownership of any products, images, photographs, videos, recording, presentations, representations, likenesses, captions, text, or other matters, materials or files containing or featuring my images, including all intellectual property rights therein, and I acknowledge and agree that I do not have any interest (whether under copyright or otherwise) in any of the Images or works created using the Images. This grant includes, without limitation, the right for any EAA Releasee to reproduce, broadcast, distribute, disseminate, publish, exhibit, edit, manipulate, distort, recontextualize, abridge, augment, create a compilation, sell, license or otherwise use the Images, in whole or in part, as an EAA Releasee may elect in its sole discretion.
- 2. No Obligation to Use; No Payment.** I hereby acknowledge none of the EAA Releasees shall have any obligation to use the foregoing rights and permissions, which may be exercised, in whole or in part, at the sole discretion of the EAA Releasees. I waive any and all right to any payment related to the Images, to the use of the Images as set forth herein and to all other rights in connection with the Images.
- 3. Release of Claims.** I hereby release and discharge the EAA Releasees from any and all claims and demands arising out of or in connection with the use of the Images and/or the rights granted under this release, including, without limitations, any and all claims for compensation, claims of defamation or any liability arising out of claims of blurring, distortion, alterations, optical illusion or use in composite form, whether intentional or otherwise, that may occur or be produced in the taking of said Images or in any subsequent processing thereof, as well as any publication thereof, including without limitation any claims for libel, invasion of privacy or publicity.
- 4. Age of Majority; Binding Effect.** I warrant and represent that I am at least 18 years old (or, 19 years old if a resident of Alabama or Nebraska, 21 years old if a resident of Mississippi) and know how to read and understand the English language sufficiently to fully understand this Consent and Release and to appreciate its nature and consequences. This Consent and Release shall be binding upon myself, along with my heirs, family members, issue, personal representatives, executors, administrators and assigns.

**I HAVE READ THE FOREGOING CONSENT AND RELEASE IN ITS ENTIRETY AND I FULLY UNDERSTAND IT.**

\_\_\_\_\_  
**Parent Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Parent Name (Print)**

\_\_\_\_\_  
**Participant Name (Print)**

# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Attachment 4

### Permission/Contact Form

\_\_\_\_\_ has our/my permission to use hand tools in the  
(Student Name)  
Workshop at EAA Chapter 663. It is understood that instruction in safe operation will be given  
before he/she is allowed to use any tools and that he/she will be properly supervised at all times.

In case of an accident, it is preferred that he/she be given treatment by:

Dr. \_\_\_\_\_ Contact number: \_\_\_\_\_

or Dr. \_\_\_\_\_ Contact number: \_\_\_\_\_

Parent home phone: \_\_\_\_\_

Parent #1 name/cell phone: \_\_\_\_\_

Parent #2 name/cell phone: \_\_\_\_\_

If neither parent can be reached at the above numbers, please contact:

\_\_\_\_\_ Relationship: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

If student has any special medical conditions or needs of which we should be  
aware, please list here: \_\_\_\_\_  
\_\_\_\_\_

Parent signature: \_\_\_\_\_ Date: \_\_\_\_\_



## Attachment 5

### Hand Tools – General Guidelines and Safety Rules

**ALWAYS wear safety eyewear (glasses or goggles), or a face shield (with safety glasses or goggles) whenever using tools.**

- Always wear close-toed shoes to protect from dropped tools for work pieces.
- Do not wear any type of jewelry or watches on your hands or wrists. They could easily get caught on something and possibly get damaged or injure your arm/hand.
- Long hair must be tied back or contained by a hat or other appropriate means.
- When appropriate, wear well-fitting gloves to protect you from the hazards to which you may be exposed when doing various tasks. Note: gloves are not safe for all tasks, so, when in doubt ask an adult mentor.
- It is always advisable to wear long pants in a shop environment. We may have certain work tasks such as welding that will require long pants in order to perform the task safely. Some arc-welding environments will require full body coverings of a special type which we will supply, if necessary.
- Keep the work environment clean and tidy to avoid clutter which may cause accidents.
- Inspect tools for defects before use. Replace or repair defective tools.
- Place the pointed ends of sharp tools (e.g., saws, chisels, knives) laying on benches away from the edge of the table. Handles must not extend over the edge of the bench top.
- Do not use tools for jobs they are not intended to do. For example, do not use a slotted screwdriver as a chisel, pry bar, wedge or punch, or wrenches as hammers.
- Pull on a wrench or pliers. Never push unless you hold the tool with your palm open.
- Do not apply excessive force or pressure on tools.
- Do not cut towards yourself when using cutting tools
- Do not hold the stock in the palm of your hand when using a cutting tool or a screwdriver.
- Do not throw tools. Hand them, handle first, directly to other users.
- Do not carry a sharp tool in your pocket.
- Masks and respirators must be used when work generates fine or aerosol-type particles such as sanding, spraying, etc.
  - A typical mask for sanding particulates is an N95 or K95.
  - A respirator with the appropriate cartridges must be worn in tasks that generate particulate or volatile organic compounds such as solvents and spray paints and primers. A respirator with P95 or higher is appropriate for these tasks.
- Do not use air from the air hose to clean chips and debris from work pieces, people or clothing.
- A safety jacket must be worn when using certain tools that generate shavings and chips.
- Turn in any defective tools or equipment to the adult mentor before leaving for the day.



# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Attachment 6

### Screwdrivers

Screwdrivers are designed and manufactured only for the purpose of driving or removing screws by rotating the handle of the tool. Misuse of the screwdriver such as striking it with another tool or using it as a prying tool could cause the screwdriver to break and cause serious personal injury.

- Inspect the screwdriver before use:
  - Don't use a screwdriver with a split or broken handle.
  - Don't use a screwdriver with rounded edges or tips – it may slip and injure the user or damage the work.
  - Keep the screwdriver handle clean. A greasy handle could cause an injury or damage from unexpected slippage.
- Screwdriver slippage can cause injury. Never hold the piece you're working on in your hand while driving or loosening screws or bolts. Place it on a work surface and use a vice or a clamp to hold the material.
- Never use pliers for added turning leverage on the shank of a screwdriver. However, a wrench may be used on square-shank drivers.
- Never carry a screwdriver in your pocket.
- Never use a screwdriver during electrical work unless it is properly insulated.
- Do not lean or push on a screwdriver with any more force than necessary to keep contact with the screw.
- Do not use a slotted screw in an application in which a Phillips or, preferably, Torx head screw can be used.

### Pliers

- Never use pliers as a hammer.
- Never hammer on the handles of pliers.
- Never use a tubing or pipe or other item to extend the length of handles to secure greater leverage.
- Do not use pliers to do another tool's job. (i.e., use pliers instead of a wrench)
- Never try to use pliers beyond their ability.
- Do not expose pliers to excessive heat.
- Be sure the type of pliers matches the application,
- Do not use pliers on live electrical circuits.

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## Attachment 7

### Hammers

There are many different types of hammers, so, be sure to choose the proper hammer for the job you are doing with it:

- Ball peen hammers are for riveting, center punching and bending or shaping soft metal. There are many sizes available depending on the task you are doing with it.
- Claw hammers are intended to be used with nails and carpentry work; these are not to be used for metal shaping.
- Rawhide, brass, rubber or plastic mallets are used for shaping soft metals and for hitting things you do not want to mar.

ALWAYS wear safety eyewear when using striking tools.

- Inspect the hammer before beginning the task to be sure the head and handle are not damaged and that all parts are secure.
- Never use a light weight hammer on tasks that require heavy blows. Choose a hammer of sufficient weight so that only a natural swing is required. Let the weight of the hammer do the work.
- Never use a hammer with a split or damaged handle.
- Never use a hammer with a loose handle. Loose handles must be replaced or fitted with new wedges of the proper size.
- When using a hammer, assure proper clearance from fellow workers.
- When needed, use a vise, clamps or other means to secure the piece you are striking.
- Keep your work area clean and free from debris.

### Hand Saws

- Keep fingers, hands and other body parts away from the cutting blade path.
- Use a tool of the right size.
- Inspect the saw for damage before each use.
- Start the cut slowly, and take long deliberate strokes using the full length of the blade.
- Never use a saw with splintered or cracked handles, missing saw-blade teeth, loose saw-blade connections, or bent saw blades or frame handles.
- Inspect the material to be cut for foreign objects before each cut.
- Clamp or hold the material to be cut firmly in place. Use a helper or bench to support long stock.
- Carry a hand saw by its handle with the saw end pointed down.
- Select the correct type of hacksaw blade for the type of material to be cut. A coarse tooth blade is used on thick material and a fine-tooth blade on thin material.
- Use the proper type of hand saw for the material to be cut or type of cut to be made. For example, use a rip hand-saw for cutting along the grain of the wood and a cross-cut hand-saw for cutting across the grain of the wood.

# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Attachment 8

### Clamps and Vices

- Do not try to bend a heavy rod in a light vise.
- Do not apply heavy pressure at the corner of the vise or clamp jaws.
- Do not use a handle extension (e.g., a pipe) for extra clamping pressure.
- Do not use the jaws of the vise as an anvil.
- Do not use any vice or clamp that has the slightest crack.
- Do not unscrew or open the jaws of the vise wider than they were designed to be used.

Select the proper clamp style and size by matching the work-holding requirements of the job with the following clamp features:

- Strength and weight (e.g., consider rail size and nominal clamping pressure)
- Opening (length of reach)
- Throat depth (depth of reach)
- Ease of adjustment
- Clamping surfaces (material used and size)
- Assure that the pressure plate and anvil parts of the clamp are in full contact with the work piece before tightening.

### Pneumatic Rivet Gun Safety

**ALWAYS wear safety eyewear when operating the rivet gun.**

- The rivet gun is to be lightly oiled every day before use.
- Long hair and loose-fitting clothing should be tied back or secured.
- Appropriate work gloves should be worn.
- A safety jacket should be worn.
- Do not wear any type of jewelry or watches on your hands or wrists.
- Do not press the trigger of the rivet gun without a set secured by a retained spring.
- When the rivet gun is not being used, disconnect it from the air source.
- Disconnect the gun for routine maintenance or when sets are being changed.
- Never point the rivet gun at yourself or someone else,
- Unexpected starts can cause injury. Be sure actuator is off before hooking up air.
- Tools starting unexpectedly can cause injury. Always remove tool from air supply and activate trigger to bleed air-line before making any adjustments, changing accessories, or doing any maintenance or service on the tool.
- Do not use air from the air hose to clean debris off of people or clothing.



## Attachment 9

### Wrenches (Spanners)

Wrenches are designed for holding and turning nuts, bolts, cap screws, and various threaded parts. Different types of wrenches are designed for different purposes:

- Box end and socket type wrenches are the strongest types of wrenches and have less chance of slipping off the fastener.
- Open end and adjustable wrenches are not as strong as the corresponding sizes of box or socket wrenches because they do not surround the fastener head, and are not intended for heavy loads.
- Position your body in a way that will prevent you from losing balance and hurting yourself if the wrench slips or something (e.g., a bolt) suddenly breaks.
- Never use a pipe extension or other form of “cheater” to increase the leverage of any wrench.
- When turning with an adjustable wrench, the direction of the turn is against (towards) the permanent jaw.
- Never use a wrench that has been damaged by being bent, cracked, or severely worn.
- Never tilt an open-end wrench to try to make it fit. Be sure the nut or bolt head is fully engaged.
- Pull on a wrench using a slow, steady pull; do not use fast, jerky movements.
- Do not use push on a wrench – losing your balance is more likely if the wrench slips.
- Never use sockets intended for hand ratchets on power drive or impact wrenches. There are special heavy wall impact sockets for use on air or electric impact drivers.
- Discard sockets or attachments with any sign of cracking, deformed openings, or rounded grip areas.

### Electric Drills

#### **ALWAYS wear safety eyewear when operating an electric drill.**

- Do not wear any type of jewelry or watches on your hands or wrists.
- Disconnect the drill from the electrical supply when installing bits.
- Clamp stock so it will not move during the drilling operation. Always use a drill vise with a drill press.
- Always remove the key from the chuck before drilling.
- Before drilling, turn the drill on to determine if the bit is centered and running true.
- Align the bit with the desired hole location before turning the drill on.
- Hold a hand drill firmly with both hands while drilling.
- When drilling deep holes with a twist drill, move the bit up and down several times while drilling to remove cuttings and reduce overheating in the bit.
- Do not allow the cord to become wrapped around the drill when working.
- Do not use a drill motor with a damaged cord or battery.
- Remove the bit from the drill as soon as the work is completed.
- Select the correct bit for the finish and material being drilled. Make sure the bit is securely tightened in the drill chuck.
- Be extremely careful when using larger portable electric drills (3/8” and 1/2”). If the bit hangs or gets caught in the material the drill has enough torque to twist in the operator’s hands causing a sprain or bruised fingers.
- To prevent seizing, reduce the feed pressure when the drill bit is about to come through the material,
- Never use an air gun to remove chips as blowing chips can cause eye injury. Use a brush to remove chips as using your hand can cause cuts.

**End of “Hand Tools – General Guidelines and Safety Rules”**

# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



Attachments 10

**Next: Take and pass “Hand Tools Safety Test” (100%)**

## Hand Tools Safety Test (Open Book)

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Participant's Name

**You must score 100% (20/20) on the Hand Tools Safety Test before participating in building activities.**

1. Safety eyewear must always be worn whenever you are working with tools or are in the workshop.  

True                      False
2. Never carry tools in your pocket.  

True                      False
3. It is OK to use a vise or clamp that has a crack.  

True                      False
4. When using a hand saw, you should ALWAYS keep your fingers clear of the cutting path of the saw.  

True                      False
5. Pliers are the BEST tool to use for tightening nuts and bolts.  

True                      False
6. It is OK to use a wrench, pliers, or screwdriver handle as a hammer.  

True                      False
7. If you need to use extra force on a tool it is OK to use a pipe or other sleeve to give you more leverage.  

True                      False
8. Never press the trigger of the pneumatic rivet gun without the set secured by a retaining spring.  

True                      False
9. Never point a pneumatic rivet gun at yourself or someone else.  

True                      False
10. Screwdrivers can be used for a variety of other things, for example as a chisel.  

True                      False

# EAA Chapter 663 AIRCRAFT BUILD PROGRAM



## Attachment 11

### Hand Tools Safety Test (cont.)

1. It is acceptable to use air from the air hose to clean debris from your clothing.  
True                      False
2. When using an electric drill, you must wear safety eyewear.  
True                      False
3. If the drill you are using has a chuck key, you must remove it before using the drill.  
True                      False
4. You must hold the drill firmly with both hands when using a hand drill.  
True                      False
5. Work areas should be clean and tidy at all times.  
True                      False
6. You should always try to pull on a wrench or pliers instead of pushing.  
True                      False
7. If a handle on a tool is cracked or damaged, you should use it anyway.  
True                      False
8. You do not have to make sure to secure material you are cutting or striking.  
True                      False
9. The best hammer to use for shaping aluminum is a claw hammer.  
True                      False
10. When not in use, power tools should be disconnected from the power source.  
True                      False

Score \_\_\_\_\_ (must score 100% to be eligible to work in the program).

Date of test \_\_\_\_\_

Person administering the test \_\_\_\_\_