

## Steps for the Tooling Station

- Hydraulic Aircraft Jack
  - The user will need to be able to maneuver themselves towards the jack itself
  - The user will need to pick up the jack and place it under the aircraft in the appropriate spot
  - After the user has set the jack down in the appropriate spot the user needs to hold down the trigger for the jack to start elevating the plane
  - When the jack has reached its limit, the system will alert the user and then the same trigger will be used to lower the jack when needed
- Krimping tools
  - The user will need to be able to maneuver themselves towards the krimper itself
  - The user will need to pick up the two parts that need to be welded and then set them down on the table
  - After holding down the trigger the two parts will be welded together
- Swaging tool
  - The user will need to be able to maneuver themselves towards the swaging tool itself
  - User will need to have the wire go through a ferrule and loop back on itself. This can do that by holding down the trigger
  - After this the user can walk and pick up the krimper and then krimp the wire using the trigger button
- Blow gun air compressor
  - The user will need to be able to maneuver themselves towards the compressor itself
  - The user will pick up the compressor and navigate to the area where the debris needs to be cleaned up
  - User will angle the device at the debris and then squeeze the trigger until debris is gone
- Air chuck
  - The user will need to be able to maneuver themselves towards the air chuck itself
  - After user has picked up the air chuck move back to the aircraft's wheels
  - Angle the chuck so air can be filled into the wheels
  - Squeeze trigger for air to fill wheels
- Metal Shrinker Stretcher
  - User will pick up the metal that needs to be shrunk or stretched and walks to the shrinker stretcher
  - User inserts the metal into the machine the appropriate way
  - User pulls the level down enough until the metal is sufficiently shrunk or stretched
- O Ring tools

- User needs to walk over and pick up the O ring tools and walk to where the o ring needs to be removed or inserted
- Angle the tool to correctly remove or insert the o ring
- Hold the trigger to remove the o ring if one is present or insert one if not there