

# ***FRESH AERO OneOP Model RC (Reservoir/tank) Tire Inflating System***

For inflating aircraft tires and all types of other vehicle tires and air operated devices



***Manual***

# **Fresh Aero OneOp Aviation Tire Inflator (model RC) For Reservoir (tank) type Air Compressors**

Thank you for purchasing the **Fresh Aero OneOp Aviation Tire Inflator**. We're confident you will be pleased with this innovation in aircraft maintenance tools.

The **OneOp model RC Inflator** is designed to be used with standard air compressors with reservoirs (tanks). The **OneOp** Inflator can also be purchased configured for portable type compressors without reservoirs (tanks). Please see the "Tire Inflator" pages on our web site at [www.freshaero.com](http://www.freshaero.com) for additional information.

If you've ever inflated aircraft tires, especially tires with wheel pants, you know this seemingly simple task can be quite a handful. There is a better and easier way to do this job -- use the Fresh Aero **OneOp** (One Operation) Tire Inflator.

Have you struggled with squeezing the Inflator chuck between the wheel pant and tire fill stem? The OneOp can be purchased with an angled locking chuck that will slip on easily and lock on the stem. There is no need to hold pressure on the chuck when filling the tires.

Have you lost pressure when you switched between the air chuck and the pressure gauge? This won't happen with the OneOp because the pressure gauge is integrated with the unit. Just hold the inflator valve lever until the proper pressure appears, then release and remove the chuck from the tire stem. That's it!

Other features include a large shock protected analog or digital pressure gauge (depending on what you purchase) with large, easy to read pressure readout and industry standard disconnects for easy attachment to your air supply line and a variety of air chucks.

A wide assortment of air chucks with industry standard male quick dis-connects are available on our web site ([www.freshaero.com](http://www.freshaero.com)) to meet almost every need. If your aircraft has tire chuck access holes in the wheel pants, we have straight tire chucks in two lengths that makes inflating your tires even easier.

The **OneOp** can also be used to quickly and easily deflate tires when wheel maintenance is required.

**Note: The following safety warnings and safe use instructions focus on inflating aircraft tires. The One Op Inflator can also be used to inflate and deflate any tire or air holding device requiring pressures of 130 psi or less. Refer to the manufacturer's safe operating instructions for proper inflating procedures.**

# Fresh Aero OneOp Aviation Tire Inflator (model RC) For Reservoir (tank) type Air Compressors

## Study and Save this Manual



Read this entire manual before using the OneOp Inflator. Make sure you understand the instructions and safety precautions in this manual. Failure to follow all the instructions in this manual can cause personal injury. Keep this manual and your invoice in a safe place for future reference. Do not use this product if you do not understand all the instructions and safety precautions in this manual. If this product is used without adhering to the information given under this symbol, injury may result.

## Fresh Aero One Op Aviation Tire Inflator General Safety Warnings and Precautions

**Warning:** Always adhere to the following safety precautions when using this product.

- Do not alter or modify the OneOp Inflator in any way
- Always keep the work area clean. Cluttered areas invite accidents and possible injuries.
- Stay alert and concentrate on safety
- Never perform maintenance if under the influence of alcohol or drugs. Read warning labels on prescriptions you are taking to determine if your judgment or reflexes will be impaired while taking these drugs.
- Always locate aircraft or other vehicle on a level surface and chock tires or use an alternate method to prevent movement
- Always wear ANSI approved safety goggles when working with tools and equipment.
- Never exceed recommended pressures of items to be inflated. Do not over-inflate. Explosion is possible if items are over-inflated.
- Keep this inflating system away from children. Do not use as a toy.

**Warning:** The warnings, precautions and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors that cannot be built into the One Op inflating System and must be supplied by the person or persons using this product.

**Important Notice:** If you have questions regarding the performance or operation of the OneOp Inflator, or just need another manual, please call or write Fresh Aero at the at the contact numbers or e-mail address on the next page. Our manuals are also available in PDF format on our web site.

# **Fresh Aero OneOp Aviation Tire Inflator (model RC) For Reservoir (tank) type Air Compressors**

## **Other Legal Notices**

Fresh Aero Aviation makes no representations or warranties regarding any damages, injuries or benefit expected by using this unit lawfully, or any request from a third person, which are caused by the inappropriate use of this product.

### **Disclaimer of Warranty**

Fresh Aero Aviation makes no representations of warranties, either expressed or implied, by or concerning any content of these written materials and in no event shall be liable for any implied warranty for any consequential, incidental or indirect damages (including but not limited to damages for loss of business profits or business interruption) arising from the use or inability to use these written materials or equipment. No liability is assumed with respect to the use of the information contained in these written materials, or for damages resulting from the use of the information contained therein.

### **Copyright 2015**

Fresh Aero Aviation reserves all rights to this manual including the right to alter the features and contents of this publication without obligation or advance notice.

## **Fresh Aero Tire Inflating System 3 year Limited Warranty**

Fresh Aero Aviation makes every effort to provide high quality and durable products to the aviation community and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 3 years from the date of purchase. This warranty does not apply to damage due directly or indirectly to misuse, abuse, negligence or accidents; repairs or alterations outside our facilities; or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation defect or problem must be included with the product. If inspection verifies the defect, we will either repair or replace the product at our discretion or may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return the repaired or replaced product at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then the purchaser must bear the cost of returning the product.

This warranty gives you specific rights and you may also have other rights which vary from state to state.

**Fresh Aero Aviation, 1142 Roseland Drive, Columbia, TN 38401-7700  
Phone: 931 381 6092, 931-215-8801, Email: [info@freshaero.com](mailto:info@freshaero.com)  
[www.freshaero.com](http://www.freshaero.com)**

# Fresh Aero OneOp Aviation Tire Inflator (model RC) For Reservoir (tank) type Air Compressors

## Using the Fresh Aero OneOP Model RC Inflator



Read and understand all the proceeding safety precautions and warnings before operating the OneOp Inflator.

The OneOp model RC Inflator is specifically designed to be used with reservoir (tank) type compressors or air tanks with a regulated outlet pressure of less than 130 pounds per square inch (psi). The regulator on the compressor must be regulated to between 30 and 130 psi.



Do not use this inflator with portable air compressors that do not have integrated compressed air storage tanks. This inflator is not configured for this type of compressor. The OneOp Inflator can also be purchased configured for portable compressors. Please see our web site for additional information.

Always wear ANSI approved safety goggles when operating this inflating system.

Before each use, inspect inflator and all accessories for damage. Do not use inflating system if damage is found. Return to Fresh Aero Aviation for repair.

Do not over inflate tires. Inflate only to pressure recommended by aircraft or other vehicle/device manufacturer.



When using this inflator on aircraft, **never** inflate aircraft tires with the aircraft engine running.

Confirm that inflator inlet air pressure does not exceed 130 pounds per square inch (psi). Adjust compressed air supply or use optional in-line regulator (above) to conform to this maximum pressure rating.

- To use the OneOp aviation tire inflator, plug the air line from a compressor or air tank into the inlet male quick connect at the rear of inflator. Pull back on the female coupling locking collar to connect fittings, then release collar. Make sure that the locking collar slides forward toward the inflator to lock the fittings. A clicking sound will indicate that the couplings are properly seated. Confirm that couplings are safely locked and cannot be pulled apart.

# Fresh Aero OneOp Aviation Tire Inflator (model RC) For Reservoir (tank) type Air Compressors

## Using the Fresh Aero OneOp Model RC Inflator - *continued*

- To add air to the tires, roll your plane until the tire fill stem is closest to the ground. Chock tires to prevent aircraft movement. You can use a permanent marker or paint pen to mark the tire fill stem position on the edge of the wheel to quickly find the correct position at a distance for future fills.
- Plug an air chuck that is compatible with your application into the female disconnect at the end of the inflator hose. Follow the procedure described above to connect the fittings.
- Remove the stem cap and slide the chuck between the wheel pant and the fill stem. If you are using the Fresh Aero Locking Air Chuck #5, depress the stem-locking lever fully and push the chuck squarely onto the fill stem until no escaping air is heard. Release the lever.

**Note:** A wide assortment of air chucks with industry standard male quick dis-connects are available on our web site. With air chucks other than the #5 Locking Chuck, you will need to hold the chuck head tightly and squarely against the fill stem when inflating your tires. If your aircraft has tire chuck access holes in the wheel pants, we have straight tire chucks in two lengths that makes inflating your tires even easier. Pressure against the fill stem is also required with the straight chuck .

- Depress the inflator valve lever until the proper pressure appears on the gauge, then depress chuck locking lever and quickly pull the chuck from the tire stem. With very little practice, you'll experience negligible air loss. Replace stem cap.



**WARNING**

**Warning: Do not over inflate tires. Inflate only to approved pressures**

- The One OP Inflating System can also be used to deflate tires for maintenance. Just attach the inflator to tire fill stem as previously described and press brass deflating button on side of inflator barrel.
- Remove the OneOP Inflator from the air supply hose coupling by pulling back on the air supply hose coupling locking collar and while pulling the couplings apart.
- Store OneOP Inflating System in a safe dry place, inaccessible to children.

Fresh Aero Aviation, 1142 Roseland Drive, Columbia, TN 38401-7700  
Phone: 931 381 6092, 931-215-8801, Email: [info@freshaero.com](mailto:info@freshaero.com)  
[www.freshaero.com](http://www.freshaero.com)