

All Aircraft...

AIRCRAFT TIRE INFLATION

BEFORE YOU PUMP UP TIRES, USE THIS NITROGEN SERVICING CART. IT'S PREFERRED IF THE TIRE IS ON THE BIRD.

IF THE TIRE IS OFF THE BIRD, USE THE APPROVED TIRE CAGE, NSN 4910-01-459-7080.

WHETHER YOU USE THE OLD STANDBY METHOD OR THE CART, FOLLOW ALL INSTRUCTIONS **CAREFULLY** WHEN INFLATING TIRES.

YOU'LL SAVE YOUR LIFE AND THE LIVES OF YOUR BUDDIES, TOO.

KEEP READING AND YOU'LL SEE HOW...

BLADE

USARMY

PS MORE

DON'T TAKE SHORTCUTS. IT COULD BE DEADLY.



Inflating an aircraft tire, especially from high pressure nitrogen cylinders, is hazardous.

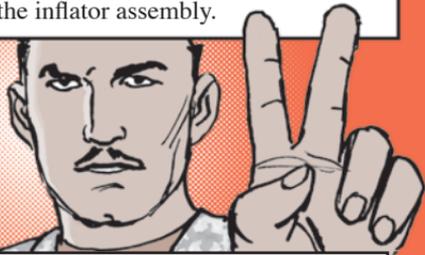
There are two ways to protect yourself and your buddies from injury or death by exploding tires.

If the tire is off the aircraft, make sure it is placed in an approved tire cage, NSN 4910-01-459-7080.

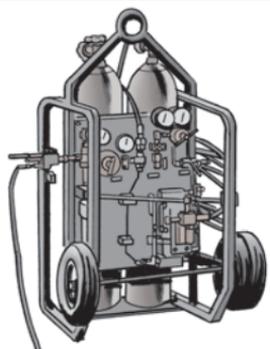
If the tire is installed, make sure you're using an approved tire inflation setup, one which allows you to stand clear of the tire as it is inflated and which has a safety valve to prevent over-inflation.

The old standby is the tire inflation kit that's authorized in your AVUM No. 2 tool set, NSN 6685-00-124-4336. The safety valve on the kit should be set to no more than 10 to 15 psi over the maximum inflation pressure of the tire you are inflating. Even then, stand back a full hose length as stated on the inflator assembly.

THERE ARE ONLY TWO EXCEPTIONS TO THE NEED TO USE THE TIRE INFLATION KIT...



- If you are using the low-pressure output of the standard high-pressure nitrogen-servicing cart, NSN 1740-01-327-6831. This cart has a low-pressure regulator and a fixed 175 psi safety valve.
- If you are using the nitrogen backpack with the new low pressure servicing kit. It also has a low-pressure regulator and a 160 psi relief valve.



Cart has low-pressure regulator

The AMCOM headshed says the “make item” tire cage plans shown in Fig. 5-1 of TM 55-2620-200-24, *Inspection, Maintenance Instructions, Storage, and Disposition of Aircraft Tires and Inner Tubes*, does not fit the Army’s application. A change to the TM has been requested to identify only the stocked tire cage.

