

# LOOSE NOSECUP PART 2



Dear Editor,

There are a few points that need clarifying in your M40/M42 article, "Beware of Loose Nosecup," on Page 41 of PS 705 (Aug 11) to keep from confusing Soldiers:

The first and third paragraphs confuse the front voicemitter with the outlet valve. The first paragraph should read *"...I often run into M40/M42 masks in which the nosecup has pulled away from the back of the outlet valve housing."*

And the third paragraph should say *"When a Soldier clears his mask or exhales, all of the air is supposed to be blown out through the outlet valve body. If the nosecup is unseated from the outlet valve housing, you could have trouble with the mask fogging up."*

The nosecup is bonded and sealed to the front voicemitter housing and then attached to the outlet valve body. If the nosecup isn't attached to the outlet valve body, all the air won't be blown out of the mask when the Soldier exhales. This is explained in WP 0003-1 in TM 3-4240-346-10.

But just because the nosecup is not assembled correctly doesn't mean the mask won't seal. You can blow out any contaminated air by pressing in on the center of the outlet valve cover while blowing out hard. You shouldn't breathe in at all until you've cleared your mask like this, which is a good thing to practice in the CS chamber during training. Even if the nosecup is not seated correctly, incoming air will still have to pass through the filters, which makes it OK to breathe. But you could have trouble with the eyelenses fogging or moisture building up in the nosecup.

Joseph Maheady  
APG, MD

IF CONTAMINATED AIR IS  
IN YOUR MASK, PUSH IN ON  
THE CENTER OF THE OUTLET  
COVER AND BLOW OUT HARD!



**Editor's note:** Thanks for the clarification, Joe. Soldiers, remember to check for a loose nosecup while you do your normal PMCS and function checks. The PMCS is listed in WP 0005-10 and the function checks in WP 0005-14 in the -10 TM.