

Title: IMPROVING NUCLEAR, BIOLOGICAL, AND CHEMICAL FIELD PROTECTIVE MASK (NBC FPM) DESIGN

Principal Investigator: Ryan J. Vojir

You are being asked to be a volunteer in a research study.

Purpose:

The purpose of this study is: To survey military individuals who have worn NBC FPMs in order to gain a relevant and timely understanding of what these individuals find to be uncomfortable, risking safety hazards, and or operationally problematic with current NBC FPMs.

Procedures:

If you decide to be in this study, your part will involve: Filling out a one-page questionnaire concerning NBC FPMs.

Risks/Discomforts: There are no foreseeable risks to you by participating.

Benefits: There are no direct benefits to you by participating however your participation will help me provide solutions and alternatives to the defense industry to improve NBC FPMs.

Compensation to You: You will not be paid for participating in this study.

Confidentiality: This survey is completely anonymous. There is no way to connect your responses to you.

Costs to You: There is no cost to you for participating.

In Case of Injury/Harm

If you are injured as a result of being in this study, please contact Ryan J Vojir at telephone # (404) 894-4874. Neither the Principal Investigator nor Georgia Institute of Technology have made provision for payment of costs associated with any injury resulting from participation in this study.

Subject Rights

- **Your participation in this study is voluntary. You do not have to be in this study if you don't want to be.**
- **You have the right to change your mind and not complete the questionnaire at any time without giving any reason, and without penalty.**

Questions about the Study or Your Rights as a Research Subject

- **If you have any questions about the study, you may contact Ryan J Vojir at telephone # (404) 894-4874.**
- **If you have any questions about your rights as a research subject, you may contact the Office of Research Compliance, Georgia Institute of Technology at (404) 894-6942.**

By filling out this survey you have agreed to participate in this study.

Thank you.

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Please answer the following questions concerning NBC FPM. Due to Georgia Tech Research regulations please, **do not write your name on the survey.**

- 1.) Your age: _____
Your height: _____
Male/Female: M F
- 2.) How many years experience do you have with NBC Protective Gear?
 - a. Less than a year
 - b. One to four years
 - c. Over four years
- 3.) How often do you participate in NBC training?
 - a. Very often (Several times a month)
 - b. Periodically (Several times a year)
 - c. Occasionally (Once or twice a year)
 - d. Rarely (Less than once a year)
- 4.) During an exercise how long are you typically in MOPP level 4 (Full NBC protective gear)?
 - a. Less than a half-hour
 - b. Half-hour to two hours
 - c. Two to eight hours
 - d. Over eight hours
- 5.) Have you ever used NBC IPE in an actual threat of NBC environment?
 - a. Yes
 - b. No (Skip to question number 7)
- 6.) During your experience in an actual threat of NBC environment, how long were you typically in MOPP level 4 (Full NBC protective gear)?
 - a. Less than a half-hour
 - b. Half-hour to two hours
 - c. Two to eight hours
 - d. Over eight hours

7.) What specific aspects do you find most uncomfortable or problematic while wearing the Field Protective Mask? Please be detailed.

8.) What specific aspects do you find most uncomfortable or problematic with donning, seating and clearing of the FPM? Please be detailed.

9.) What specific aspects do you find most problematic with the carry, upkeep, and decontamination of the FPM? Please be detailed.

10.) If you could change anything about FPMs, what would it be? Why?

Please add any other comments or ideas you might have for improving NBC FPMs.

Again, thank you for taking the time to answer these questions.